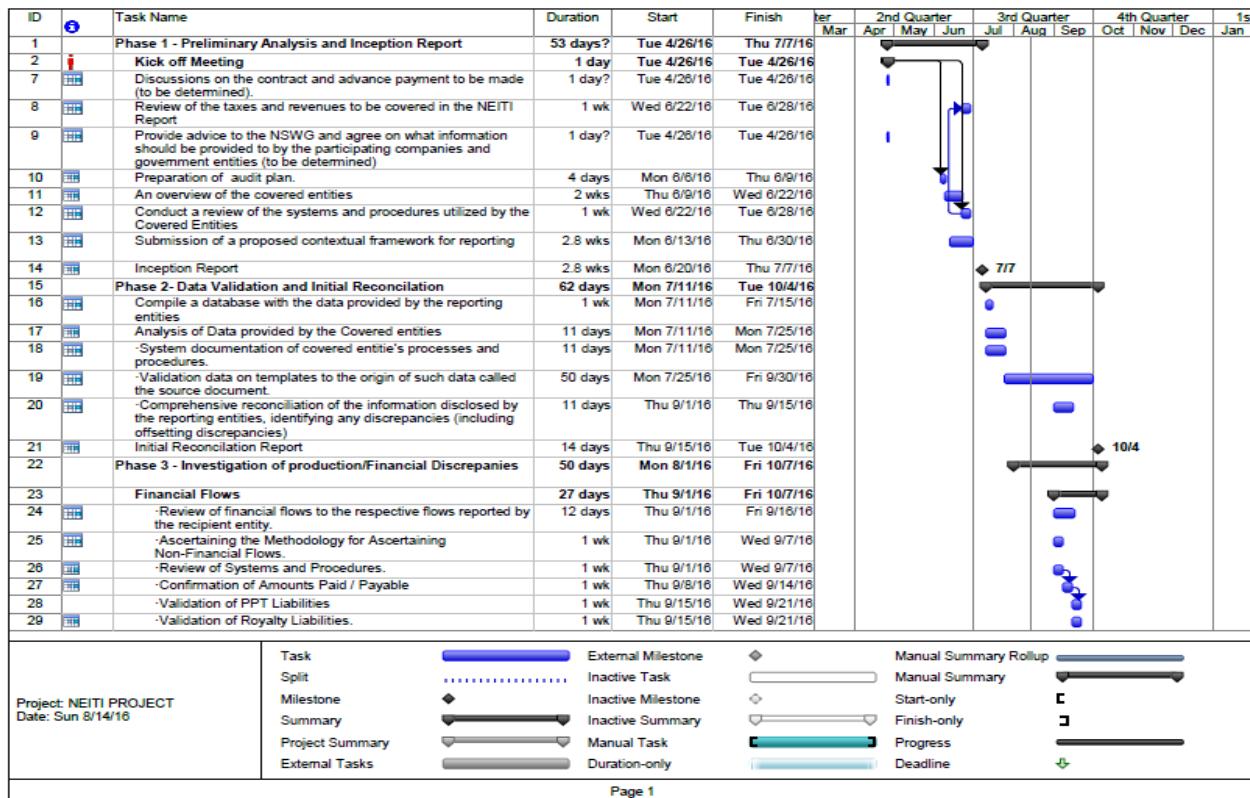


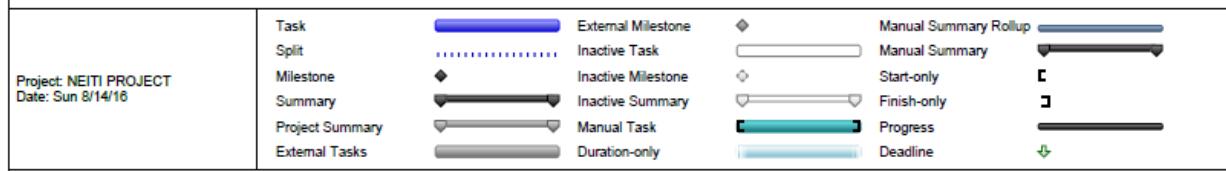
# Appendices

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## Appendix 0-1 Project Implementation Schedule (PIS)



ID		Task Name	Duration	Start	Finish	Ter	2nd Quarter	3rd Quarter	4th Quarter	1st				
				Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
30		-Validation of Company Income Tax (Gas).	1 wk	Thu 9/15/16	Wed 9/21/16									
31		-Validation of Cash Calls.	1 wk	Thu 9/15/16	Wed 9/21/16									
32		-Validation of NESS payments	1 wk	Thu 9/15/16	Wed 9/21/16									
33		-Reconciliation of Proceeds of Sale of Federation Equity Crude.	12 days	Thu 9/15/16	Fri 9/30/16									
34		Check Financial Flows	5 days	Thu 9/15/16	Wed 9/21/16									
35		Reconciliation Meetings with Covered Entities	5 days	Mon 10/3/16	Fri 10/7/16									
36		Physical Flows	42 days	Mon 8/1/16	Tue 9/27/16									
37		-Review of Licensing/Production Arrangements	10 days	Mon 8/1/16	Fri 8/12/16									
38		-Analysis of Mass Balance of Production and Crude Oil Flows for the period.	10 days	Mon 8/1/16	Fri 8/12/16									
39		-Product Importation Analysis and Reconciliation.	10 days	Mon 8/15/16	Fri 8/28/16									
40		-Review of Management and Control over Measurement of Hydrocarbon Flows.	10 days	Mon 8/15/16	Fri 8/26/16									
41		-Review of Process of Pricing Federation Equity Crude Oil.	10 days	Fri 8/26/16	Thu 9/8/16									
42		Review of the utilisation of gas in processing and energy sector facility	10 days	Thu 9/8/16	Wed 9/21/16									
43		-Review of Joint Development Zone	10 days	Thu 9/8/16	Wed 9/21/16									
44		Check Physical Flows	5 days	Wed 9/21/16	Tue 9/27/16									
45		Process	35 days	Thu 9/1/16	Wed 10/19/16									
46		-Review the procedures of Department of Petroleum Resources (DPR) Workstream.	10 days	Thu 9/1/16	Wed 9/14/16									
47		-Review the procedures of Department of Federal Inland Revenue Services(FIRS) Workstream	10 days	Thu 9/1/16	Wed 9/14/16									
48		-Review the procedures of Office of the Accountant General of the Federation(OAGF)	10 days	Thu 9/15/16	Wed 9/28/16									
49		Check Process	3 wks	Thu 9/29/16	Wed 10/19/16									
50		Draft Audit Report	4 wks	Thu 11/3/16	Wed 11/30/16									
51		Phase 4 - Final EITI Reconciliation Report	20 days	Thu 12/1/16	Wed 12/28/16									
52		-Review of feedback on the draft report from Covered Entities	2 wks	Thu 12/1/16	Wed 12/14/16									
53		Submission of Final EITI Reconciliation Report	1 wk	Thu 12/15/16	Wed 12/21/16									
54		Final EITI Reconciliation Report	1.2 wks	Wed 12/21/16	Wed 12/28/16									



## Appendix 0-2 Comprehensive Index of Covered Entities

COMPANY	NAME
1 SPDC	Shell Petroleum Development Company
2 MPNU (EXXONMOBIL)	Mobil Producing Nigeria Unlimited
3 CNL	Chevron Nigeria Limited
4 TEPNG	Total Exploration & Production Nigeria Limited
5 SNEPCO	Shell Nigeria Exploration and Production Company Limited
6 ESSO	Esso Exploration and Production Nigeria Limited
7 TUPNI	Total Upstream Nigeria Limited
8 ADDAX	Addax Petroleum Development (Nigeria) Limited Addax Petroleum Exploration(Nigeria) Limited
9 NAE	Nigerian Agip Exploration Limited
10 NAOC	Nigerian Agip Oil Company Limited
11 PAN OCEAN	Pan Ocean Oil Corporation (Nigeria)
12 AMNI	Amni International Petroleum Development Company Limited
13 ATLAS	Atlas Petroleum (International) Limited
14 CONSOLIDATED OIL	Consolidated Oil Company Limited
15 CONTINENTAL	Continental Oil and Gas Company Limited
16 DOCL	Dubri Oil Company Limited
17 EXPRESS	Express Petroleum and Gas Company Limited
18 MONIPULO	MoniPulo Limited (Petroleum Development)
19 NPDC	Nigerian Petroleum Development Company Limited
20 BRITTANIA-U	Brittania-U Nigeria Limited
21 ENERGIA	Energia Limited
22 MIDWESTERN OIL AND GAS	Midwestern Oil and Gas Company Plc
23 NIGER DELTA	Niger Delta Petroleum Resources Limited
24 PILLAR OIL	Pillar Oil Limited
25 PLATFORM	Platform Petroleum Limited
26 WALTER SMITH	Walter Smith Petroman Oil Limited
27 ORIENTAL ENERGY	Oriental Energy Resources Limited
28 ALLIED ENERGY	Allied Energy Resources (Nigeria) Limited
29 SEEPSCO	Sterling Oil Exploration & Energy Production Co. LTD
30 SEPLAT	Seplat Petroleum Development Company
31 ENERGIA	Energia Limited
32 CAMAC	Camac International Nigeria Limited
33 CAVENDISH	Cavendish Petroleum Nigeria Limited
34 CONOCO PHILLIPS	Conoco Phillips

<b>35</b>	CONOIL	Conoil
<b>36</b>	FIRST HYDROCARBON	First Hydrocarbon Nigeria Limited
<b>37</b>	FRONTIER	Frontier Oil Limited
<b>38</b>	MOBIL	Mobil
<b>39</b>	NECONDE	Neconde Energy Limited
<b>40</b>	NEW CROSS	New Cross Petroleum
<b>41</b>	OANDO	Oando Exploration & Production Limited
<b>42</b>	OPTIMUM	Optimum Petroleum
<b>43</b>	PHILLIPS	Phillips Petroleum
<b>44</b>	SHEBA	Sheba Exploration & Production Co. Limited
<b>45</b>	STARDEEP	Stardeep
<b>46</b>	STATOIL	Statoil
<b>47</b>	STERLING	Sterling Global Oil Resources
<b>48</b>	SUMMIT	Summit Oil & Gas Worldwide Limited
<b>49</b>	SUNTRUST	Suntrust Oil Company Nigeria Limited
<b>50</b>	TOTAL	Total Exploration & Production Nigeria Limited
<b>51</b>	ND WESTERN	ND Western

GOVERNMENT AGENCIES		
<b>1</b>	CBN	Central Bank of Nigeria
<b>2</b>	COMD	Crude Oil Marketing Division
<b>3</b>	DPR	Department of Petroleum Resources
<b>4</b>	FIRS	Federal Inland Revenue Service
<b>5</b>	NAPIMS	National Petroleum Investment Management Service
<b>6</b>	NCDMB	Nigeria Content Development & Monitoring Board
<b>7</b>	NDDC	Niger Delta Development Commission
<b>8</b>	NGC	Nigeria Gas Company Limited
<b>9</b>	NIMASA	Nigeria Maritime Administration & Safety Agency;
<b>10</b>	NLNG	Nigeria liquefied Natural Gas Limited
<b>11</b>	NNPC	Nigeria National Petroleum Corporation
<b>12</b>	NPDC	Nigeria Petroleum Development Company
<b>13</b>	OAGF	Office of the Accountant General of the Federation
<b>14</b>	PHCN	Bureau of Public Enterprise
<b>15</b>	PPMC	Petroleum Product Marketing Company
<b>16</b>	PPPRA	Petroleum Products Pricing Regulatory Agency

## Appendix 0-3 Joint Venture Operators Audit Requirement List for Data Validation

### FINANCIAL AUDIT REQUIREMENT LIST

1. System and procedures of operations
2. Entity's organogram
3. Joint venture agreement
4. 2014 Audited financial statements, Management accounts, Audit adjustments, Trial balance, General ledgers, Cash books, Bank statements and all the relevant source documents.
5. Joint operation agreement
6. Approved budget closure ( budget performance) reports for all JVs
7. Notification of monthly cash call payments
8. Notification of rejection of cash call items
9. Monthly joint venture expenditure on cash call
10. Schedule of cash calls receivable/received, alternative funding, crude oil & gas lifting & sales proceeds
11. Schedule of royalty due and paid, PPT assessed & paid/ullage fees payable/ paid and gas flare penalty due & paid
12. Cash call ( Naira & Dollar) payment account statements for 2014 period
13. Internal audit reports
14. Records on hydrocarbon production, mass balance , lifting and period end balances
15. Detail of In-Kind lifting related JV capital projects or liabilities to which the In-Kind lifting relate
16. Schedule of VAT,WHT,EDT and PAYE payable/paid
17. Schedule of payment with evidence/outstanding to NDDC and NLNG
18. Schedule of social expenditure
19. Letter of award of contracts for infrastructure projects
20. Copies of PPT computation submitted to FIRS
21. Capital allowance schedule
22. Allowable deductions and Investment tax credit
23. PPT control account
24. Letter of advice of PPT payment circulated to (CBN, DPR, NNPC, FIRS)
25. Gas flare approval
26. Volume of gas produced
27. Volume of gas flared
28. Gas flare penalty computation submitted to DPR
29. Gas flaring penalty payment control account
30. Transmission advices to confirm payments
31. Receipt issued by DPR for each monthly payment
32. Royalty computation submitted to DPR
33. Royalty payment control account
34. Relevant documents underlying the respective assessments
35. Applicable royalty rate
36. Fiscalised volume
37. Landscape
38. Schedule of depth of water where operations is carried out.

39. Evidence of payment of NESS Fee, NDDC, NCDMB

40. Others based on the progress of the assignment

## **Appendix 0-4 Production Sharing Contracts Operations Audit Requirement List for Data Validation**

### **FINANCIAL AUDIT REQUIREMENT LIST**

- 1. System and procedures of operations**
- 2. Entity's organogram**
- 3. Contract service agreement**
- 4. 2014 Audited financial statements, Management accounts, Audit adjustments, Trial balance, General ledgers, Cash books, Bank statements and all the relevant source documents**
- 5. Schedule of royalty due and paid, PPT assessed & paid/ullage fees payable/paid and gas flare penalty due & paid ( to be accompanied by all evidence of payments for the year under review)**
- 6. Internal audit reports**
- 7. Records on hydrocarbon production, mass balance, lifting and period end balances**
- 8. Schedule of VAT, WHT, EDT and PAYE payable/paid with evidence of all payment made**
- 9. Schedule of payment/outstanding to NDDC and NLNG with evidence of payment**
- 10. Schedule of social expenditure**
- 11. Copies of PPT computation submitted to FIRS for the year under review**
- 12. Capital allowance schedule**
- 13. Allowable deductions**
- 14. PPT control account**
- 15. Letter of advice of PPT payment circulated to (CBN, DPR, NNPC, FIRS)**
- 16. Gas flare approval**
- 17. Volume of gas produced**
- 18. Volume of gas flared**
- 19. Gas flare penalty computation submitted to DPR**
- 20. Gas flaring penalty payment control account**
- 21. Transmission advices to confirm payments**
- 22. Receipt issued by DPR for each monthly payment**
- 23. Royalty computation submitted to DPR**
- 24. Royalty payment control account**
- 25. Relevant documents underlying the respective assessments**
- 26. Applicable royalty rate**
- 27. Fiscalised volume**
- 28. Landscape**
- 29. Schedule of depth of water where operations is carried out.**
- 30. Evidence of payment of NESS Fee, NDDC, NCDMB**
- 31. Others based on the progress of the assignment**

## Appendix 0-5 Service Contract Operators Audit Requirement List for Data Validation

### FINANCIAL AUDIT REQUIREMENT LIST

- 1. System and procedures of operations**
- 2. Entity's organogram**
- 3. Contract levy agreement**
- 4. 2014 Audited financial statements, Management accounts, Audit adjustments, Trial balance, general ledgers, Cash books, bank statements and all the relevant source documents**
- 5. Schedule of CIT, VAT, WHT, EDT and PAYE payable, paid and evidence of payment or tax receipts**
- 6. Schedule of payment/outstanding to NDDC**
- 7. Evidence of payment of NESS Fee, NDDC, NCDMB**
- 8. Others based on the progress of the assignment**

## Appendix 0-6 Service Contract Operators Audit Requirement List for Data Validation

### FINANCIAL AUDIT REQUIREMENT LIST

1. **System and procedures of operations**
2. **Entity's organogram**
3. **2014 Audited financial statements, Management accounts, Audit adjustments, Trial balance general ledger, Cash books and all the relevant source documents**
4. **Schedule of royalty due and paid, PPT assessed & paid/ullage fees payable/paid and gas flare penalty due & paid**
5. **Internal audit reports**
6. **Records on hydrocarbon production, mass balance, lifting and period end balances**
7. **Schedule of VAT, WHT, EDT and PAYE payable/paid**
8. **Schedule of payment/outstanding to NDDC and NLNG**
9. **Schedule of social expenditure**
10. **Copies of PPT computation submitted to FIRS**
11. **Capital allowance schedule**
12. **Allowable deductions**
13. **PPT control account**
14. **Letter of advice of PPT payment circulated to (CBN, DPR, NNPC, FIRS)**
15. **Gas flare approval**
16. **Volume of gas produced**
17. **Volume of gas flared**
18. **Gas flare penalty computation submitted to DPR**
19. **Gas flaring penalty payment control account**
20. **Transmission advices to confirm payments**
21. **Receipt issued by DPR for each monthly payment**
22. **Royalty computation submitted to DPR**
23. **Royalty payment control account**
24. **Relevant documents underlying the respective assessments**
25. **Applicable royalty rate**
26. **Fiscalised volume**
27. **Landscape**
28. **Schedule of depth of water where operations is carried out**
29. **Evidence of payment of NESS Fee, NDDC, NCDMB**

## Appendix 0-7 Process Audit Requirement for Companies

### PROCESS AUDIT REQUIREMENT LIST

- A. Company and Governance policies including Legal Framework for Implementation of sustainable policies**
- B. Company and Governance policies including Legal Framework for the following:**
  - Aggregation
  - Barter
  - Beneficial Ownership
  - Brent Crude
  - Cadastre
  - Contextual Information
  - Cost oil
  - Crude oil
  - Depletion Allowances
  - Disaggregation
  - Dividend
  - Dodd-Frank Act
  - Downstream
  - EI Value Chain
- C. Policy and Procedure Manuals for the following:**
  - i. Cash Calls:
    - Payments
    - Refunds
    - Matching
    - Accounting and Reporting
  - ii. Divestments
    - Economic Viability
    - Reporting
    - Taxes
    - Related Approvals
    - Processing
  - iii. Operator Responsibilities
    - Novation Agreements
    - Accounting
  - iv. Payments
    - Accounting
    - Reporting
    - Matching/Reconciliation
  - v. Controls over the following;
    - Royalties
    - Income taxes
    - Bonuses
    - WHT

- Producing Sharing
  - State/ FG Participation
  - Resource-rent taxes (windfall profits)
- vi. Governance & Ethical Standards
- vii. Corporate Social Responsibilities
  - Approvals
  - JV Participation
  - Budget
  - Selection
  - Reporting
  - Community Relations
- viii. Transfer Pricing
  - Definitions
  - Risk assessments
  - Dispute Resolution- Neutral Evaluation
  - Third Party Interferes
  - Government Relations
- ix. Finance and Accounting
  - Licensing
  - Crude oil marketing
  - Refining
  - Product imports
  - Budgeting
  - Capital Expenditure
  - Operating Expenditure
  - Receipts and Payments of Money- Payments, collection, redistribution
- x. Stock and Inventory Management

- D. Monitoring of Operations
- E. Survey and Data Management
- F. Revenue Management, Collection and Allocation

## **Appendix 0-8 Data Requirement CBN**

### **DATA REQUIREMENT FROM COVERED ENTITIES FOR OIL AND GAS INDUSTRY AUDIT – AGENCY: CBN**

- 1.** Profile of the Agency
- 2.** Systems and procedures documentation – Pricing of equity crude (Domestic & Export) and accounting for crude oil sales.
- 3.** Overall Management structure and organogram
- 4.** 2014 Audited Financial Statements, Management accounts, Trial balance general ledger, Cash books and all the relevant source documents
- 5.** 2014 Budget Report
- 6.** The Agency's Accounting Manual or any other document that contains the accounting methodologies used
- 7.** Internal Control reports issued for the last 2 years
- 8.** External Auditor's internal control letters/management letters for the last 2 years together with Management responses
- 9.** J.P Morgan CBN/NNPC Crude Oil and Gas Revenue Account Statements
- 10.** J.P Morgan CBN/NNPC Cash Call Payment Account Statement
- 11.** NNPC/JV Naira Cash Call Account Statements
- 12.** CBN/NNPC J.P Morgan Gas Revenue Account
- 13.** Copies of NNPC Mandates to CBN for Payment of Cash Call and other Payments
- 14.** Copies of OAGF Mandate and other instructions to CBN
- 15.** FIRS/CBN – (PPT, CIT, PAYE, ETF, WHT) etc.
- 16.** DPR/CBN – (Signature Bonus, Royalties, Gas Flaring, Rentals) etc.
- 17.** NNPC/NAPIM/NLNG Account
- 18.** Petroleum Subsidy Payment Account
- 19.** Federation Revenue Collection Summary
- 20.** CBN Component Statement
- 21.** Petroleum Excess Crude Oil Account
- 22.** Petroleum Equalization Fund Account
- 23.** CBN/NNPC Naira Crude Oil Account
- 24.** CBN/NNPC Naira Gas Account
- 25.** CBN Naira Other Revenue Account
- 26.** CBN Naira Fund Conversion/Transfers to the Federation Account
- 27.** PSF Statement of Account (January to December 2014)
- 28.** Schedule of confirmation of the payment to the Petroleum Product Marketers from PSF Account in 2014.
- 29.** Monthly Foreign Exchange Rate Statement January to December 2014

- 30. Schedule of NESS fee payments for the period under review (2014)
- 31. CBN Bank/JP Morgan Statements showing the receipts of NESS Fee by CBN for the period under review
- 32. NAPIMS advice letter to CBN on cash call monetisation and copies of bank statements that received the monetised value for the 2014 fiscal year
- 33. CBN Bank/JP Morgan Statements showing the receipts of miscellaneous oil revenue by CBN for the period under review
- 34. CBN Bank/JP Morgan Statements showing the receipts of Acreage Rentals by CBN for the period under review
- 35. Any other information/documents that may be required during the course of the assignment
- 36. Others based on the progress of the assignment

## Appendix 0-9 Data Requirement FIRS

### DATA REQUIREMENT FROM COVERED ENTITIES FOR OIL AND GAS INDUSTRY AUDIT – AGENCY: FIRS

1. Profile of the agency
2. Systems and procedures documentation – pricing of equity crude (domestic & export) and accounting for crude oil sales.
3. Overall management structure and organogram
4. 2014 audited financial statements, management accounts, trial balance general ledger, cash books and all the relevant source documents
5. 2014 budget report
6. The agency's accounting manual or any other document that contains the accounting methodologies used
7. Internal control reports issued for the last 2 years
8. External auditor's internal control letters/management letters for the last 2 years together with management responses
9. Tax file for each of the covered entities
10. Audited financial statements submitted by the covered entities
11. Copies of PPT computation submitted to firs
12. Capital allowance schedules
13. Evidence of remittance of all the relevant taxes (VAT, PPT, PSC PPT, EDT, CIT for gas, WHT, etc.)
14. Audit reports on each of the covered entities
15. Firs contract files: this should contain various agreements, letters of advice and contracts applicable during the period under review (2014)
16. Print out of list of companies and their respective payments for the period (2014) : this can be obtained from firs portal
17. Any other information/documents that may be required during the course of the assignment
18. Others based on the progress of the assignment

## **Appendix 0-10 Data Requirement for NLNG**

### **DATA REQUIREMENT FROM COVERED ENTITIES FOR OIL AND GAS INDUSTRY AUDIT**

#### **AGENCY: NLNG**

- 1.** Profile of the Agency
- 2.** Systems and procedures documentation – Pricing of equity crude (Domestic & Export) and accounting for crude oil sales.
- 3.** Overall Management structure and organogram
- 4.** 2014 Audited Financial Statements, Management accounts, Trial balance general ledger, Cash books and all the relevant source documents
- 5.** 2014 Budget Report
- 6.** The Agency's Accounting Manual or any other document that contains the accounting methodologies used
- 7.** Internal Control reports issued for the last 2 years
- 8.** External Auditor's internal control letters/management letters for the last 2 years together with Management responses
- 9.** Records of their respective flows (Gas usage production, Gas and Deliveries and Stock)
- 10.** Records of Hydrocarbon balance (PHCN & Terminal LNG Receipts)
- 11.** Evidence of Dividends and Loans Repayments and loan interest paid
- 12.** Evidence of Loans given to NLNG and NGC by NNPC
- 13.** Any other information/documents that may be required during the course of the assignment
- 14.      Others based on the progress of the assignment**

## Appendix 0-11 Data Requirement for OAGF

### DATA REQUIREMENT FROM COVERED ENTITIES FOR OIL AND GAS INDUSTRY AUDIT – AGENCY: OAGF

1. Profile of the Agency
2. Systems and procedures documentation – Pricing of equity crude (Domestic & Export) and accounting for crude oil sales.
3. Overall Management structure and organogram
4. 2014 Audited Financial Statements, Management accounts, Trial balance general ledger, Cash books and all the relevant source documents
5. 2014 Budget Report
6. The Agency's Accounting Manual or any other document that contains the accounting methodologies used
7. Internal Control reports issued for the last 2 years
8. External Auditor's internal control letters/management letters for the last 2 years together with Management responses
9. NNPC Report on Export-Oil and Gas sales
10. NNPC Report on Domestic -Oil and Gas sales
11. NNPC Report on Petroleum Subsidy Payment
12. NNPC/JV Cash Call Reports
13. NNPC/NAPIMS NLNG Reports
14. FIRS Report on Petroleum Profit Tax, (PPT), Value Added Tax (VAT), Company Income Tax (CIT), Withholding Tax (WHT), Pay As Your Earn (PAYE), Acreage and Rental, Royalty, Gas flare, etc on Downstream and Upstream Operating Companies
15. DPR Reports on Signature Bonuses, Royalties, Gas Flaring, and Rentals etc.
16. Federal Government contributions to Niger Delta Development Commission (NDDC)
17. Federal Government Contribution to (NCDMB) Nigeria Content Development and Monitoring Board.
18. Education Trust Fund Report
19. Federation Crude Oil and Gas Committee Reconciliation Report
20. Federation Account Allocation Committee (FAAC) (Federal, States and Local Government Councils).

21. CBN Component Statement
22. CBN Revenue Collection Reports/Summary
23. Oil Companies Operators Report (Downstream and Upstream)
24. Any other information/documents that may be required during the course of the assignment
25. Others based on the progress of the assignment

## **Appendix 0-12 Data Requirement for PPMC**

### **DATA REQUIREMENT FROM COVERED ENTITIES FOR OIL AND GAS INDUSTRY AUDIT – AGENCY: PETROLEUM PRODUCTS AND MARKET DIVISION (PPMC)**

- 1.** Profile of the Agency
- 2.** Systems and procedures documentation – Pricing of equity crude (Domestic & Export) and accounting for crude oil sales.
- 3.** Overall Management structure and organogram
- 4.** 2014 Audited Financial Statements, Management accounts, Trial balance general ledger, Cash books and all the relevant source documents
- 5.** 2014 Budget Report
- 6.** The Agency's Accounting Manual or any other document that contains the accounting methodologies used
- 7.** Internal Control reports issued for the last 2 years
- 8.** External Auditor's internal control letters/management letters for the last 2 years together with Management responses
- 9.** Details of domestic crude allocation and distribution to refineries and for offshore processing
- 10.** Records of petroleum products imports and movement
- 11.** Any other information/documents that may be required during the course of the assignment
- 12.** Others based on the progress of the assignment

## **Appendix 0-13 Data Requirement for NNPC, COMID, NAPIMS**

### **DATA REQUIREMENT FROM COVERED ENTITIES FOR OIL AND GAS INDUSTRY AUDIT – AGENCIES: NNPC, COMD & NAPIMS**

- 1. Profile of the Agency**
- 2. Systems and procedures documentation – Pricing of equity crude (Domestic & Export) and accounting for crude oil sales.**
- 3. Overall Management structure and organogram**
- 4. 2014 Audited Financial Statements, Management accounts, Trial balance general ledger, Cash books and all the relevant source documents**
- 5. 2014 Budget Report**
- 6. Strategic Planning Report**
- 7. The Agency's Accounting Manual or any other document that contains the accounting methodologies used**
- 8. Internal Control reports issued for the last 2 years**
- 9. External Auditor's internal control letters/management letters for the last 2 years together with Management responses**
- 10. Schedule and mailing addresses of Off-takers, showing details of volumes of crude oil lifted and values during the year 2014 (For Circularization)**
- 11. Crude Oil lifting Profile – Export Crude, Domestic crude, alternative funding crude, In-Kind liftings for Royalty oil, Tax oil, Profit Oil, etc (including Gas and FEED STOCK)**
- 12. Monthly summaries of NNPC crude oil lifting for the account of various parties in 2014**
- 13. NNPC Official Selling Price (OSP) advised to different IOCs in 2014**
- 14. CBN/NNPC JP Morgan Crude Oil and Gas Revenue (Dollar) Account Statements for January to December 2014 and for the first quarter of 2015 (for payments of December 2014 lifting).**
- 15. CBN/NNPC JP Morgan Gas revenue account (for Gas & feedstock sales)**
- 16. CBN/NNPC Domestic Crude Oil and Gas Revenue (Naira) Account Statement for January to December 2014 and for the first quarter of 2015 (for payments of last quarter of 2014 liftings)**
- 17. Export and domestic crude oil and gas sales Invoices, Bill of Ladings and Letters of credits and other related transaction documents (To be tested on sample basis)**
- 18. CBN/NNPC JP Morgan Cash Call Account Bank Statements**

19. CBN/NNPC Domestic Gas sales account statements for the year under review
20. NNPC Remittance account statement for 2014 period
21. NNPC Mandates to the CBN for sweeping of domestic crude oil proceeds into the Federation Account.
22. NNPC Mandates to the CBN for sweeping of export crude oil proceeds into the Federation Account.
23. NNPC Mandates to the CBN for sweeping of Gas/feedstock proceeds into the Federation Account
24. NAPIMS ledger accounts in Lagos that contains the crude oil sales ledger and control accounts that is updated on monthly basis by a staff of NNPC-COMD resident in Abuja
25. Details of subsidy deductions from Domestic crude sales receipts
26. Role of NNPC FAD and NNPC Treasury Departments in the payment process for domestic crude oil (Documentation and accounting records/reports thereon).
27. Report on total Oil & Gas/Feedstock receipts and remittances to the Federation Account in 2014
28. NNPC-PPMC reconciliation of subsidy claims January 2014- December 2014.
29. NNPC Report on Computation of Revenue from Domestic Crude Oil Receipts and Transfers to Federation Account- January, 2014 to date.
30. Certificates received from PPPRA on subsidy claims by NNPC as at 31 December, 2014.
31. Report on refund of prior year to the Federation Account.
32. Approved documents/Advice letters for the lifting and prices of the following agencies or organisations:  
NPDC, PPMC, Federation, Bonga TMP, Erha TMP, Akpo TMP, Agabmi TMP,  
DPR, FIRS and Qua Iboe Satellite field
33. Sales contract/agreement or any other agreement in operation between the COMD and the buyer/seller
34. Details of Fiscalised exports Sales and Refinery Supplies together with approving/authorising letters from relevant agencies
35. Any other documents/records relevant to the audit as may be required by the Auditors during the course of audit
36. Others based on the progress of the assignment

**NAPIMS – CASH CALLS & JV**

1. Evidences of cash call paid by NNPC and JV Partners into the JV Operator Bank Accounts of the following JVs
  - i. NNPC/SPDC/TEPNG/NAOC
  - ii. NNPC/CNL
  - iii. NNPC/TEPNG
  - iv. NNPC/MPNU
  - v. NNPC/NAOC/POCN
  - vi. NNPC/POCN
  - vii. NPDC/SPDC/TEPNG/NAOC
  - viii. NPDC/CNL
2. The approved OPCM minutes for 2014 budget and work plan
3. JP MORGANCHASE CBN/NNPC JV CASH CALL ACCOUNT Statements
4. JP MORGANCHASE Crude CBN/NNPC Oil Account Statements
5. JP MORGANCHASE Gas Revenue Account Statements
6. NNPC/OPERATOR JV NAIRA AND DOLLAR CASH CALL ACCOUNT Statements
7. CBN/ NNPC JV CASH CALL MONETISED NAIRA PAYMENT ACCOUNTS Statements
8. 2014 NAPIMS overhead –Budget and Actual Expenditure
9. JOA Agreements and relevant side letters.
10. JV Operators Bank Statements
11. Cash Call related documents and Prior Year Cash Call Payments mandates and documents
12. Prior Year Cash Call Outstanding Analysis schedule as at 1st January 2014

13. NNPC mandates to CBN for payment of Cash Calls
14. Cash Call paid by the Federation to NPDC in 2014 on a project by project basis
15. Analysis of cash calls paid to NPDC by the Federation (if any) on all divested fields from the dates of divestment including all arrears paid (if any) on field-by-field basis.

## Appendix 0-14 Data Requirement for DPR

### DATA REQUIREMENT FROM COVERED ENTITIES FOR OIL AND GAS INDUSTRY AUDIT – AGENCY: DPR

1. Profile of the Agency
2. System and procedures of operations
3. Overall Management structure and organogram
4. 2014 Audited Financial Statements, Management accounts, Trial balance general ledger, Cash books and all the relevant source documents
5. 2014 Budget Report
6. Strategic Planning Report
7. The Agency's Accounting Manual or any other document that contains the accounting methodologies used and process of pricing federation equity crude oil and different grades of federation equity crude oil
8. Internal Control reports issued for the last 2 years
9. External Auditor's internal control letters/management letters for the last 2 years together with Management responses
10. Contract award letters, Accept letters, Contract agreements, evidence of bidding process, Bill of quantities, progress/status report, budgeted amount, evidence of amounts expended so far and presumed beneficiaries of the project for the year under review
11. Details of Fiscalised exports Sales and Refinery Supplies together with approving/authorising letters from relevant agencies
12. Copies of letter of Allocation of Blocks including allocation letters for OPL and OML
13. License Holders Register
14. Schedule of royalty due and received, gas flare penalty due & paid by the covered entities
15. JP Morgan CBN/NNPC crude oil and gas revenue account statements for the year under review
16. Reports and data about oil blocks licensing rounds and the related revenue flows from application fees, processing fees, data prying fees and signature bonuses (including outstanding)
17. Records on hydrocarbon production, volume of gas flare, mass balance, lifting and period end balances
18. Royalty computations and actual payment made by the covered entities and records of crude oil and gas volumes used in royalty computations
19. Gas flare approval
20. Volume of gas produced by the covered entities
21. Volume of gas flared by the covered entities
22. Gas flare penalty computation submitted by the covered entities

- 23. Gas flaring penalty receipt control account
- 24. Transmission advices to confirm payments
- 25. Receipt issued to covered entities for each monthly payment
- 26. Royalty computation submitted by the covered entities
- 27. Royalty receipt control account
- 28. Applicable royalty rate
- 29. Joint Development zone Agreement
- 30. Official selling price document for each month - January to December 2013
- 31. Any other information/documents that may be required during the course of the assignment
- 32. Others based on the progress of the assignment

## **Appendix 0-15 Data Requirement for NCDMB**

### **DATA REQUIREMENT FROM COVERED ENTITIES FOR OIL AND GAS INDUSTRY AUDIT**

**AGENCY: NCDMB**

- 1.** Profile of the Agency
- 2.** Systems and procedures documentation – Pricing of equity crude (Domestic & Export) and accounting for crude oil sales.
- 3.** Overall Management structure and organogram
- 4.** 2014 Audited Financial Statements, Management accounts, Trial balance general ledger, Cash books and all the relevant source documents
- 5.** 2014 Budget Report
- 6.** The Agency's Accounting Manual or any other document that contains the accounting methodologies used
- 7.** Internal Control reports issued for the last 2 years
- 8.** External Auditor's internal control letters/management letters for the last 2 years together with Management responses
- 9.** Records of their respective flows
- 10.** NCDMB Contract files: This should contain various Agreements, Award Letters, Acceptance Letters, Letters of advice, status reports, and contracts applicable during the period under review (2014)
- 11.** Any other information/documents that may be required during the course of the assignment
- 12.** **Others based on the progress of the assignment**

## **Appendix 0-16 Data Requirement for NGV, NIMASA, NPDC**

### **DATA REQUIREMENT FROM COVERED ENTITIES FOR OIL AND GAS INDUSTRY AUDIT AGENCY: NGV, NIMASSA, NPDC,BPE**

- 1. Profile of the Agency**
- 2. Systems and procedures documentation – Pricing of equity crude (Domestic & Export) and accounting for crude oil sales.**
- 3. Overall Management structure and organogram**
- 4. 2014 Audited Financial Statements, Management accounts, Trial balance general ledger, Cash books and all the relevant source documents**
- 5. 2014 Budget Report**
- 6. The Agency's Accounting Manual or any other document that contains the accounting methodologies used**
- 7. Internal Control reports issued for the last 2 years**
- 8. External Auditor's internal control letters/management letters for the last 2 years together with Management responses**
- 9. Records of their respective flows**
- 10. Entity's Bank Statements for the year under review**
- 11. Contract files: This should contain various Agreements, Award Letters, Acceptance Letters, Letters of advice, status reports, and contracts applicable during the period under review (2014)**
- 12. Any other information/documents that may be required during the course of the assignment**
- 13. Others based on the progress of the assignment**

## **Appendix 0-17 Data Requirement for PPRA**

### **DATA REQUIREMENT FROM COVERED ENTITIES FOR OIL AND GAS INDUSTRY AUDIT**

**AGENCY: PPPRA**

- 1.** Profile of the Agency
- 2.** Systems and procedures documentation – Pricing of equity crude (Domestic & Export) and accounting for crude oil sales.
- 3.** Overall Management structure and organogram
- 4.** 2014 Audited Financial Statements, Management accounts, Trial balance general ledger, Cash books and all the relevant source documents
- 5.** 2014 Budget Report
- 6.** The Agency's Accounting Manual or any other document that contains the accounting methodologies used
- 7.** Internal Control reports issued for the last 2 years
- 8.** External Auditor's internal control letters/management letters for the last 2 years together with Management responses
- 9.** Records of their respective flows
- 10.** The schedule of payment of the marketers
- 11.** The e- payment file used to pay the marketers for the year under review
- 12.** Entity's Bank Statements and CBN bank statements for the year under review
- 13.** Processing manuals and payment vouchers
- 14.** Auditor's report on subsidy payment
- 15.** Income file
- 16.** Cash Book used for Subsidy payments
- 17.** Contract files: This should contain various Agreements, Award Letters, Acceptance Letters, Letters of advice, status reports, and contracts applicable during the period under review (2014)
- 18.** The amount collected as subsidy by each marketer.
- 19.** Any other information/documents that may be required during the course of the assignment
- 20.** Others based on the progress of the assignment

## **Appendix 0-18 Audit Flow**

### **Project Planning**

Meetings were held with NEITI where project activities, key success factors, risks and constraints were enumerated. Specific roles and responsibilities were discussed and the NEITI obligations and support to SIAO and vice-versa were affirmed. Other areas of discussion and highlights were the planning process which highlights the durations and timelines of these activities. The objectives of the stage of the assignment are summarised as follows:

- Affirm communication,
- Agree on project implementation plan
- Discuss potential challenges, findings and reporting standards
- Discuss on deliverables
  
- Establish the scope of the NEITI 2014 reporting process,
- Establish the data reporting templates
- Establish the data collection procedure
- Confirm the schedule for publishing the 2014 NEITI report

### **Data/Information Gathering**

The Activities that took place at this stage was the receipt of populated templates from the entities. The basic information required had been duly communicated to respective entities in appropriate format and standard. Prior to this each and every member was briefed on the project objectives, methodologies, deliverables and reporting structure. This was to aid in the questing and probing aspects of the project at the verification stage.

### **Verification and Validation of Data**

This stage represents, primarily the field work of the project. The assignment teams were required to move into designated offices/institutions to verify data and information relating to the assignment.

The verification and validation process seeks to establish, to an appreciable extent and within the scope of the assignment, the genuineness, completeness and consistency of the claims in the documents submitted by the covered entities. This aspect of the activity was driven by the data collection phase. Validation and verification of data is to commence upon receipt of completed data templates from covered entities. Non-Disclosure-Agreement (NDA) was signed with respect to the above.

### **Analysis of Findings**

The findings obtained were analysed based on the requirements of EITI best practices. The basic key priority considered in the analysis is transparency in reporting revenue collection and allocation data in comparison with global standards; the details published against what should be published regarding revenue flows; reconciliation of the Government reporting in NEITI audit figures with official public finance information; accuracy, completeness, and comprehensiveness.

## **Reporting**

SIAO is a registered professional accounting firm and as such, is bound by the ethical guidelines of our professional body, the Institute of Chartered Accountants of Nigeria (**ICAN**), and accepts instructions to act for its clients on the basis that it will act in accordance therewith. The mode of reporting will be suitable for both professional review and will be reader friendly for the non-professional.

The final report of the project marks the end of the assignment and it will be accompanied by an executive summary of the project. SIAO will be available for the presentation of the report where such presentation has been appropriately communicated to SIAO within the specified time in the contract. Subsequently, SIAO would require a ‘Project Completion Certificate’ from NEITI when they are satisfied with the deliverables of the project.

## **Appendix 0-19 Details on Covered entities**

### **1. Shell Petroleum Development Company**



Shell is Nigeria's oldest energy company, and has a long term and continuing commitment to the country, its people and the economy. They also operate Nigeria's largest liquefied natural gas (LNG) plant, which exports all over the world. Their Nigerian operations are carried out through four subsidiaries – SPDC, SNEPCO, Shell Nigeria Gas (SNG) and Shell Nigeria Oil Products (SNOP).

### **2. Mobil Producing Nigeria Unlimited (MPN – EXXONMOBIL)**



ExxonMobil has three affiliates operating in Nigeria – MPN, EEPNL and MON. The company is involved in the exploration and production of crude oil and natural gas. It is one of the largest oil producers in Nigeria and operates a Joint Venture with the Federal Government of Nigeria through the NNPC.

### **3. Chevron Nigeria Limited (CNL)**



Chevron is the third-largest oil producer in Nigeria and one of its largest investors. They also operate under a joint-venture arrangement with the Nigerian National Petroleum Corporation and have assets on land and in near-offshore regions of the Niger Delta. Through Chevron's principal subsidiary in Nigeria, Chevron Nigeria Limited (CNL), the company operates and holds a 40% interest in nine concessions under a joint-venture arrangement with the Nigerian National

### **4. Total Exploration & Production Nigeria Limited (TEPNG)**



TOTAL has full presence in Nigeria with presence in the Upstream, Midstream and Downstream parts of the oil and gas industry. Its subsidiary, Total E&P Nigeria Limited (TEPNG) is the operator of the NNPC/TEPNG Joint Venture, and others include TOTAL Upstream Nigeria Limited (TUPNI) and various other TOTAL E&P Deepwater subsidiary companies and Total Nigeria Plc.

### **5. Shell Nigeria Exploration and Production Company LIMITED (SNEPCO)**



The Shell Nigeria Exploration and Production Company (SNEPCO) pioneered Nigeria's deep-water oil and gas production at the Bonga field. The Company involves in oil gas

exploration and production activities in Nigeria. The company also produces crude oil reserves. The company operates in offshore sites Sea Eagle and Bonga in Nigeria region. The company was founded in 1993 and is based in Lagos, Nigeria. Shell Nigeria Exploration and Production Company operate as a subsidiary of Royal Dutch Shell plc.

6. Esso Exploration and Production Nigeria Limited (ESSO)



Esso Exploration and Production Nigeria Limited (EEPNL) was established in 1993 as an affiliate of Exxon Corporation. The Company has a Production Sharing Contract by the Nigerian National Petroleum Corporation (NNPC), for Oil Prospecting Lease (OPL) 209 (now OML 133).

7. Total Upstream Nigeria Limited (TUPNI)



Total is based in Lagos, Nigeria and is a subsidiary of TOTAL Exploration & Production Nigeria Limited. It has a production sharing contract with the China National Offshore Oil Corporation (CNOOC). It operates both OPL and OML.

8. Addax Petroleum Development Nigeria Limited (ADDAX)



Addax Petroleum's mission is to create sustainable economic and social value through successful exploration and production of oil and gas resources. The Company began operations in Nigeria in 1998 by signing two Production Sharing Contracts (PSCs) with the Nigerian National Petroleum Corporation (NNPC).

In Nigeria, Addax Petroleum's producing assets include 11 field complexes with around 80 production wells in concession OML123, 2 fields with 15 producing wells in concession OML 124 and 2 fields with 17 production wells in concession OML126.

9. Nigerian Agip Exploration Limited (NAE)



The Company was incorporated in 1996 by eni to manage Nigerian deep offshore exploration and production assets. NAE as at 2013 has interests in six offshore blocks in Nigeria, both as Operator (OML 125, OML 134, OPL 2009 and OPL 245) and Co-Venturer partner (OML 118 and OML 135).

## 10. Nigerian Agip Oil Company Limited (NAOC)



The Company operates in the land and swamp areas of the Niger Delta, under a joint venture agreement with NNPC (60%), NAOC (20%), and Oando (20%), with concessions lying within Bayelsa, Delta, Imo and Rivers States. The concession covers a total area of 5,313sq.km comprising four blocks - OML 60, 61, 62 & 63. NAOC is also the operator of two onshore exploration leases, namely OPL 282 (90% interest) in the Swamp and OPL 135 (48% interest) in the Land area.

NAOC also holds 5% participating interest in SPDC JV with NNPC (55%), The Shell Petroleum Development Company (SPDC) (30%), and Total E&P Nigeria (TEPNG) (10%), with SPDC as operator of the joint venture.

## 11. Pan Ocean Oil Corporation (NIGERIA)



Contract (PSC).

PAN OCEAN operates as an exploration and production company in a Joint Venture with the Nigeria National Petroleum Company (NNPC), on-shore the northern fringe of the Niger Delta. As a Joint Venture (JV) partner, the NNPC has 60% working interest in OML-98 while Pan Ocean has 40%. In 2007, Pan Ocean purchased another block, OPL 275 to be developed as a Production Sharing

## 12. Amni International Petroleum Development Company Limited



Amni obtained an Oil Prospecting Licence (OPL) 469 and an agreement with TOTAL through its subsidiary TOTAL E&P Nigeria Limited is reached under which TOTAL becomes a 40% joint venture partner in OMLs 112 and 117 to develop the Ima Gas reserves. TOTAL relinquished its rights in the Ima oil field and the development of Okoro/Setu fields. The company then signed a technical services and production sharing agreement with Afren Energy Resources, a wholly owned subsidiary of Afren Plc, for the Okoro/Setu fields' development. OML 112 (formerly OPL 469) is located offshore in the eastern part of the Niger Delta. The block was awarded to Amni on a sole risk basis in 1993 and converted to an OML in 1999. OML 112 covers an area of approximately 437 km<sup>2</sup>. OML 117 (formerly OPL 237) is similarly located. The block was awarded to Amni in 1994 and converted to an OML in 1999. OML 112 covers an area of approximately 50 km<sup>2</sup>.

### **13. Atlas Petroleum (International) Limited**



Atlas Oronto Petroleum International Limited (AOPI) comprises Atlas Petroleum International Limited and Oronto Petroleum International Limited. AOPI is wholly Nigerian-owned. AOPI is an active operator in fourteen Oil Blocks in West Africa region including OML 109 and OPL 320 in Nigeria.

### **14. Consolidated Oil Company Limited**

Has a share in: OML 103 – an Onshore Concession and OML 458 – an Offshore Concession

### **15. Continental Oil and Gas Company Limited**

Continental Oil & Gas Ltd is a private company based in Nigeria. It has a stake in blocks OML 59, Otuo North, Otuo South, Aghigho, Ekokor, Obodo, Obra, Okpoko, OPL 2007 and Upomami.

### **16. Dubri Oil Company Limited**



Dubri Oil operates the Oil Mining Lease OML 96, which is 221 sq. km in size southwest of Benin City. Our Flow station is at Gele Gele in Ovia North East Local Government Area of Edo State; about 45km South West of Benin City.

### **17. Express Petroleum and Gas Company Limited**

EXPRESS is a company that engages in crude petroleum and natural gas extraction and is located in Lagos, Nigeria.

### **18. Monipulo Limited (Petroleum Development)**



It has its head office in Port Harcourt, Rivers State and branch offices in Lagos and London, MPL is a private indigenous oil and gas exploration and production company. MoniPulo Limited (MPL) operates offshore in the Oil Mining License (OML) 114 concession (ex OPL 230), located in the eastern lobe of the tertiary Niger-Delta play in the south-south region of Nigeria. Focused on expanding its scope of operations, MPL was awarded Production Sharing Contracts (PSCs) for three new blocks: OPLs 231, 234 and 239.

### **19. NIGERIAN PETROLEUM DEVELOPMENT COMPANY LIMITED (NPDC)**



**Nigerian Petroleum Development Company Ltd (NPDC)**

A SUBSIDIARY OF THE NIGERIAN NATIONAL PETROLEUM CORPORATION (NNPC)

The Nigerian Petroleum Development Company (NPDC) Ltd is a fully-owned subsidiary of the Nigerian National Petroleum Corporation (NNPC). It has its Head office in Benin City and base offices/warehouses in Port Harcourt and Warri for logistics support was established in 1988 as a wholly owned subsidiary of the NNPC with responsibility for Petroleum Exploration and Production activities. NPDC activities

cover the spectrum of the upstream oil and gas business from exploration to abandonment. Operations are concentrated mainly in the Niger Delta and span five States (Imo, Edo, Delta, Bayelsa and Rivers).

## 20. Britannia-U Nigeria Limited



The company has established affiliate entities that belong to either the hydrocarbon exploitation chain or provide services to the businesses in the hydrocarbon chain and it has presence in the oil and gas chain; from sub-surface engineering (Data Appraisal Nigeria Ltd.) to drilling services (Britannia-U Drilling and Oil Services Ltd), Shipping and downstream trading is carried out by the affiliate company (Nexttee Oil & Gas, Trading Company Nigeria Limited).

## 21. Energia Limited



Energia Limited is the Joint Venture Operator of the Ebendo/Obodeti Marginal Field (ex-Obodugwa/Obodeti Marginal field) located in Ebendo near Kwale, Ndokwa West LGA, Delta. It has a partnership with Oando Production and Development Company by the Federal Government of Nigeria in a 55%/45% working interest in favour of Energia who is also designated as Operator of the Fields.

## 22. Midwestern Oil and Gas Company Plc



The Company is owned by a group of Nigerian entrepreneurs and partially by the Delta State Government. The Company was awarded 70% interest in Umusadege Field located in OML 56 which is situated at the northern area of Delta State, Nigeria. Midwestern is the operator of the field in a strategic alliance with Suntrust Oil Company Nigeria Limited and Mart Energy Services Limited

## 23. Niger Delta Petroleum Resources Limited



Niger Delta Petroleum Resources Limited (NDPR) is a wholly owned subsidiary of NDEP, as well as the Operator of the Ogbele Joint Venture. It has a 45% stake in OML 54. The legal title to old OML 54 is held by the Nigerian National Petroleum Corporation ("NNPC"), which through a Farm-out agreement signed with NDPR in 2000, granted NDPR an equitable interest in the marginal reservoirs within the Ogbele field. It also has 34.6% stake in OPL 227. The OPL 227 license area is located in the shallow water offshore of the western Niger Delta Basin and covers an area of approximately 974sq. km. NDEP has a 6% interest in OPL 227, in partnership Express Petroleum (Operator, 39%), Petroleum Prospect International (PPI) (15%) and Addax Petroleum (40%).

24. Pillar Oil Limited



Pillar Oil Limited is a wholly indigenous exploration and production oil and gas company operating in Nigeria. Currently the Company has operations in Lagos and Delta States of Nigeria. The Umuseti/Igbuku field complex has two proven oil and gas fields (Umuseti and Igbuku) and four identified satellite prospects (Umuseti-North East, Umuseti-East, Igbuku-West and Igbuku-North).

25. Platform Petroleum Limited



Platform Petroleum Limited is in a JV Partnership with Newcross Petroleum Limited OML 38

26. Walter Smith Petroman Oil Limited

 WALTERSMITH Waltersmith Petroman Oil Limited was incorporated as a joint venture between Walter Smith and Associates Limited, a Nigerian investment company and Petroman Oil Limited of Canada, to operate as an oil exploration and production company. The company subsequently participated in the Marginal Oil field licensing round for indigenous companies and was awarded The award was secured on a joint interest basis, with Waltersmith having 70% and Morris Petroleum Limited having 30%. Consequently, Waltersmith was designated the operator of the field.

27. Oriental Energy Resources Limited



Oriental was awarded OPL 224 by the Federal Government of Nigeria and Oriental entered into a Technical Services Agreement with DuPont Nigeria Ltd. So far, it has expanded its portfolio and currently has three assets under development in Offshore Nigeria. These include the Okwok Field (OML 67) and OML 115.

28. Allied Energy Resources (Nigeria) Limited



Situated in Lagos, Allied Energy Plc., formerly known as Allied Energy Resources Nigeria Limited manages the OML 120, OML 121, OPL 278, OPL 282, and OML 108 fields. The company's flagship project, OYO Field, produces oil in the deep offshore segment. Allied Energy Plc. operates as a subsidiary of CAMAC Energy Holdings Limited.

29. Sterling oil exploration & energy production co. Limited (SEEPCO)



Sterling Energy and Exploration Production Limited (SEEPCO) is a venture from the Sandesara Group, with diversification in Petroleum Exploration and Production.

30. Seplat Petroleum Development Company



In July 2010 the Company acquired a 45% working interest in, and was appointed operator of, a portfolio of three onshore producing oil and gas leases, OMLs 4, 38 and 41. Located in the prolific western delta basin of Edo and Delta states the three OMLs contain the producing Oben, Ovhor, Sapele, Okporhuru and Amukpe fields. Initially Seplat formed a JV partnership with NNPC, until the NNPC transferred its 55% interest to NPDC. Now, Seplat operates the blocks on behalf of the Seplat/NPDC joint venture.

31. Camac International



CAMAC was a pioneer in the exploration and production of crude oil in West Africa. As a member of an international consortium, CAMAC was the first independent company to make a major discovery in offshore West Africa and become a licensed operator.

32. Cavendish Petroleum Nigeria Limited

They have a stake in block OML 110.

33. Conoco Philips

ConocoPhillips has a 17% shareholder interest in Brass LNG Limited.

34. Conoil Plc



Conoil Plc, Nigeria's first and largest indigenous oil marketing company, began operations in 1927 under the name Shell Company of Nigeria (SCN) and later Shell Company of West Africa. Earlier in April 1975, the Federal Government of Nigeria acquired 60% shares of the company through the Nigerian National Petroleum Corporation (NNPC) and the company became known as National Oil and Chemical Marketing Company (NOLCHEM). In the year 2000, the Federal Government, through the Bureau of Public Enterprises (BPE), bought 40% issued ordinary shares of the company held by Shell Company of Nigeria (UK) Limited.

35. First Hydrocarbon Nigeria Limited



Total

In October 2010, First Hydrocarbon Nigeria ("FHN") announced it had reached Definitive Agreements with the Nigerian operating subsidiaries of Shell, and ENI for the acquisition of a 45% working interest in OML 26. OML 26 is located Onshore Nigeria in Delta State and covers 480km. First Hydrocarbon Nigeria Partner is Nigerian Petroleum Development Company with (55%) interest.

36. Frontier Oil Limited



FOL is the Operator of a joint venture operating a crude oil evacuation and delivery infrastructure from 3 marginal fields located in OMLs 13 & 14 to the Exxon Mobil Qua-Iboe crude oil terminal. FOL's experience, as Operator of the Uquo Marginal Field, spans the entire hydrocarbon value chain, from seismic acquisition all the way through to production of crude oil and non-associated natural gas. Core activities include: the development and effective deployment of Quality, Health, Safety, Security and Environmental (QHSSE) processes and systems; judicious application of industry and national codes and standards; adherence to regulatory processes and compliance with regulatory requirements; effective management of third-party service provider relationships; development of a robust and fully functional best-in-class community relations/community development program with the Uquo Marginal Field's host communities, amongst others.

37. Mobil



This is a subsidiary of ExxonMobil and is one of the six major petroleum products marketers in the country. It currently has over 200 retail outlets located in all 36 states of Nigeria; these include many state-of-the-art outlets.

38. Neconde Energy Limited



The Company has a 45% stake in OML 42 held by Shell Petroleum Development Company Limited ("SPDC"), Total Exploration and Production Nigeria Limited, and Nigeria Agip Oil Company Limited (the "SPDC JV"). Following the completion of the acquisition, the new ownership structure of OML 42 is in the ratio of 45% (Neconde): 55% (NPDC).

39. NewCross Petroleum



OPL 283 is operated under a Production Sharing Contract (PSC) with the Nigerian National Petroleum Corporation (NNPC). It is in the Northern aspect of the Niger Delta, and has a total acreage of 1272 sq. km (which includes 285 sq. km farmed out as marginal fields); the concession is easily accessible by roads and straddles both Delta and Edo states. Newcross' OPL 276 block is located in the southern-eastern part of the Delta province in Akwa Ibom state.

40. Oando Exploration & Production Limited (OANDO)



Oando Energy Resources is the subsidiary that handles production and development in the oil and gas industry and holds interests in 16 licenses for the exploration, development and production of oil and gas assets located onshore, swamp, and offshore.

41. Optimum Petroleum Development Limited



The company has OPL 310 which is highly prospective and on trend with Aje and Seme fields located in the adjacent OML 113 and offshore Benin, respectively. The block lies in water depths ranging from the shoreline on the northside of the block to 1,900 meters in the south. The block is located in the Dahomey Basin, to the southeast of the Volta Fan and to the southwest of the Niger Delta, situated on the transform margin of West Africa in Western Nigeria.

42. Phillips Oil Company Nigeria Ltd



Phillips Oil Company Nigeria Ltd. operates as a subsidiary of Oando Energy Resources Inc.

43. Sheba Exploration & Production Company Limited

Shebah E&P Company Ltd (SEPCOL) operates the Ukporiki oil field on OML 108 in shallow water Nigeria. Partners in the field are Express Petroleum and Camac, both of which are Nigerian companies. The



Company has a 40% share of the field was purchased from ConocoPhillips in May 2004.

#### 44. Stardeep Water Petroleum Limited

Stardeep is a subsidiary of Chevron Nigeria Limited and has a Production Sharing Contract with the NNPC.

#### 45. STATOIL



The Company has an interest in the largest deepwater producing field, Agbami which has been developed with subsea wells connected to an FPSO.

Agbami, operated by Chevron, is located in licences OML 127 and OML 128, approximately 110 kilometres off the Nigerian coast and StatOil's interest in the unitised field is 20.21%.

#### 46. Sterling Global Oil Resources



Sterling is a subsidiary of Sandesara Group and the parent company has expanded the E and P portfolio from India to Nigeria in 2006 through another subsidiary Sterling Global Oil Resources Limited (SGORL) by signing a Production Sharing Contract (PSC) for OPL 277 Block with Government of Nigeria.

#### 47. Summit Oil & Gas Worldwide Limited



Summit Oil International

The Company operates OPL 205, located largely in the Anambra Basin on the north edge of the Niger Delta.

#### 48. Suntrust Oil Company Nigeria Limited



The Government of Nigeria awarded SunTrust a 30% interest in OML 56 (Umusadege), located in Delta state. SunTrust is working with its partner, Midwestern Oil & Gas, to develop the field.

#### 49. Total Exploration & Production Nigeria Limited



This is the operator of the NNPC/TEPNG Joint Venture, TOTAL Upstream Nigeria Limited (TUPNI) and various other TOTAL E&P Deepwater subsidiary companies. It is the country's fourth-largest oil and gas producer through its involvement in more than 50 permits,

including nine as operator.

50. ND Western



ND Western was incorporated as a Special Purpose Vehicle to acquire the jointly held 45% participating interest of The Shell Petroleum Development Company of Nigeria, Total E&P Nigeria Limited and Nigerian Agip Oil Company Limited in Oil Mining Lease (OML) 34.

51. Agip Energy and Natural Resources



Agip Energy and Natural Resources (AENR) is executing the Service Contract with NNPC in OML 116 located in shallow waters (65 meters) offshore Niger Delta. In 1981, AENR discovered Agbara field, located about 45 kilometers offshore Nigeria. AENR signed another Service Contract with NPDC (an NNPC subsidiary) in December 2000 to finance and jointly conduct the operations in the Okono/Okpoho fields development project in the OML 119 (former OPL 91). Highlights of the contract, designed to re-position NNPC as a strong national and international organization, include novel provisions for 100% financing and joint management through the Project Management Committee, defined timeline for change of operatorship and transfer of know how

### Government Agencies

1. Central Bank of Nigeria (CBN)



The current legal framework within which the CBN operates is the CBN Act of 2007 which repealed the CBN Act of 1991 and all its amendments. The CBN has overall control and administration of the monetary and financial sector policies of the Federal Government and its core mandate include: ensure monetary and price stability issue legal tender currency in Nigeria maintain external reserves to safeguard the international value of the legal tender currency promote a sound financial system in Nigeria act as Banker and provide economic and financial advice to the Federal Government.

## 2. Department of Petroleum Resources



DEPARTMENT OF PETROLEUM RESOURCES

The Petroleum Regulatory Agency of Nigeria

The DPR is the unit of Government saddled with the responsibility of ensuring compliance to petroleum laws, regulations and guidelines in the Oil and Gas Industry. Its key functions include: Supervising all petroleum industry operations being carried out under licenses and leases in Nigeria Monitoring the Petroleum Industry operations to ensure that are in line with national goals and aspirations including those relating to flare down and Domestic Gas Supply Obligations. Processing industry applications for leases, licences and permits, ensure timely and accurate payments of Rents, Royalties and other revenues due to Government.

## 3. Federal Inland Revenue Service



The key legislation for the Service is the Federal Inland Revenue Service (Establishment) Act, 2007 and it has the FIRS Mandate as: To control and administer the different taxes and laws specified in the First Schedule or other laws made or to be made, from time to time, by the National Assembly or other regulations made hereunder by the Government of the Federation and to account for all taxes collected.

## 4. National Petroleum Investment Management Service (NAPIMS)



This exists as a Corporate Services Unit (CSU) in the Exploration and Production (E&P) Directorate of the NNPC and it is charged with the responsibility of managing Nigeria Government's investment in the upstream sector of the Oil and Gas industry.

## 5. Crude Oil Marketing Division (NNPC)

NNPC's Crude Oil Marketing Division (COMD) sells most of Nigeria's share of production for export. A smaller portion goes to feed the country's four refineries, or is allocated to oil-for-product swap deals

## **6. Nigeria Content Development & Monitoring Board (NCDMB)**



This Board was set up to implement the provisions of the Nigerian Oil and Gas Industry Content Development Act 2010. The Board supervises, coordinates, administers, monitors and manages the development of Nigerian Content in the oil and gas industry.

## **7. Niger Delta Development Commission (NDDC)**

shall:  
area



This was set up by the NDDC Act which states that the Commission shall formulate policies and guidelines for the development of the Niger Delta area. The Commission conceive, plan and implement, in accordance with the set rules and regulations, projects and programmes for the sustainable development of the Niger-Delta area in the field of transportation including roads, jetties and waterways, health, education, employment, industrialisation, agriculture and fisheries, housing land urban development, water supply, electricity and telecommunications cause the Niger-Delta area to be surveyed in order to ascertain measures which are necessary to promote in physical and socioeconomic development assess and report on any project being funded or carried out in the Niger-Delta area by oil and gas producing companies and any other company including non-Governmental organisations and ensure that funds released for such projects are properly utilised. In exercising its functions and powers under this section, the Commission shall have regard to the varied and specific contributions of each Member State of the Commission to the total national production of oil and gas.

## **8. Nigeria Gas Company Limited (NGC)**

This is one of the subsidiaries of the NNPC and it is charged with the responsibility of developing an efficient gas industry to fully serve Nigeria's energy and industrial feedstock needs through an integrated gas pipeline network and also to export natural gas and its derivatives to the West African Sub-region. It currently operates 11 gas supply systems round the country through which it carries out its main business of gas transmission and gas marketing.

## **9. Nigeria Maritime Administration & Safety Agency (NIMASA)**



This is the Agency saddled with regulating the maritime industry in Nigeria and it draws its powers mainly from the NIMASA Act 2007. Its core functions include: Pursue the development of shipping and regulatory matters relating to merchant shipping and seafarers. Administration and regulation of shipping licenses. Administration, Regulation and Certification of Seafarers. Enhance and administer the provision of Cabotage Act. 2003 and Provide Maritime Security.

## **10. Nigeria Liquefied Natural Gas Limited (NLNG)**



The Nigerian Liquefied Natural Gas Limited (NLNG) was incorporated as a limited liability company on May 17, 1989 to harness Nigeria's vast natural resources and produce Liquefied Natural Gas (LNG) and Natural Gas Liquids (NGLs) for export. The NLNG Act confers the mandate to market, produce and deliver LNG and NGL to customers safely, reliably and profitably. It is a private joint venture company and is owned by four shareholders – the Federal Government of Nigeria represented by the Nigerian National Petroleum Corporation (49%); Shell (25.6%); Total LNG Nigeria Ltd (15%) and Eni (10.4%).

## **11. Nigeria National Petroleum Corporation (NNPC)**



This is the medium through which the Federal Government of Nigeria regulates and participates in the oil and gas industry. The list depicts its strategic units or subsidiaries: Nigerian Petroleum Development Company (NPDC) The Nigerian Gas Company (NGC) The Products and Pipelines Marketing Company (PPMC) Integrated Data Services Limited (IDSL) National Engineering and Technical Company Limited (NETCO) Hydrocarbon Services Nigeria Limited (HYSON) Warri Refinery and Petrochemical Co. Limited (WRPC) Kaduna Refinery and Petrochemical Co. Limited (KRPC) Port Harcourt Refining Co. Limited (PHRC) NNPC Retail Duke Oil

## **12. Nigeria Petroleum Development Company (NPDC)**



**Pipelines and Product Marketing Company  
A subsidiary of NNPC**

This is a subsidiary of the NNPC and it was set up with the responsibility for Petroleum Exploration and Production activities. The Company's activities cover the spectrum of the upstream Oil and Gas business and its operations are concentrated mainly in the Niger Delta and span five States (Imo, Edo, Delta, Bayelsa and Rivers) with over Two Hundred and Fifty-Seven (257) host communities.

## **13. Office of the Accountant General of the Federation (OAGF)**

This was set up through Civil Services Reorganization Decree No 43 of 1988. The key functions of the Office are as follows: Supervision of the accounts of Federal Ministries and Extra-Ministerial department Collate, present and publish statutory financial statements of account required by the

Minister of Finance Manage Federal Government Investments Maintain and operate the federation account Maintain and operate the accounts of the Consolidated Revenue Fund, Department Fund, Contingencies Fund and other public funds and provides cash backing for the operation of the Federal Government Conduct routine and in-depth inspection of the books of accounts of Federal Ministries and Extra-Ministerial Department to ensure compliance with rules, regulations, policies, and Internal Audit Guides Ensure Revenue Monitoring and accounting.

#### **14. Bureau of Public Enterprise (BPE)**

This is the Agency charged with the overall responsibility of implementing the Nigerian policy on privatization and commercialization. Its core functions include: Implementing the Nigerian policy on privatization and commercialization. Preparing public enterprises approved for privatization and commercialization. Ensuring the update of accounts of all commercialized enterprises for financial discipline.

#### **15. Petroleum Product Marketing Company (PPMC)**

PPMC a subsidiary of the Nigerian National Petroleum Corporation (NNPC) and its role is to ensure, among other things, the availability of petroleum products to sustain industries, run automobiles and for domestic cooking. It is directly responsible for the comparative ease with which petroleum products are sourced and distributed to all parts of the country, at a uniform price.

#### **16. Petroleum Products Pricing Regulatory Agency (PPPRA)**



The Agency was set up to resolve the issues plaguing the downstream sector of the oil industry. The establishment of the Agency led to the full deregulation and liberalization of the downstream sector and it became open for all the stakeholders in the sector to play their parts according to the rules and guidelines as would be unfolded by PPPRA based on its functions: To determine the pricing policy of petroleum products. To regulate the supply and distribution of petroleum products. To create an information databank through liaison with all relevant agencies to facilitates the making of informed and realistic decisions on pricing policies. To oversee the implementation of the relevant recommendations and programmes of the Federal Government as contained in the White Paper on the Report of the Special Committee on the Review of the Petroleum Products Supply and Distribution, taking cognizance of the phasing of specific proposals.

## Appendix 0-20 Letter of Award



4th Floor, No.1, Zambezi Crescent,  
Off Aguiyi Ironsi Street, Maitama, Abuja.  
T. 09-2905984, 2906623-4, 31416191-2  
F. 09-3146193  
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NEITI/PROC/001/VI/004



THE PRESIDENCY

6 June 2016

The Managing Partner/CEO,  
Messrs SIAO,  
18B, Olu Holloway Road, Ikoyi,  
Lagos

Dear Sir,

**NOTIFICATION OF AWARD OF CONTRACT-OIL AND GAS INDUSTRY AUDIT 2014:**  
**N89,965,000.00**

We are pleased to convey approval of the Ministerial Tenders Board of the Office of Secretary to the Government of Federation of the award of contract for the conduct of Oil and Gas Industry Audit 2014.

2. The contract is in the sum of N89,965,000.00 (Eighty Nine Million Nine Hundred and Sixty-Five Thousand Naira Only) Exclusive of VAT, with a completion period of Seven (7) months.
3. A draft contract stipulating the terms of engagement is hereby enclosed for your review and comments
4. You are required to liaise with the Director of Legal Services NEITI for the mutual execution of the agreement.
5. NEITI expects a high degree of commitment of professionalism from you to ensure the successful implementation of this important assignment.

Accept my congratulations please.

A handwritten signature in red ink, appearing to read 'Waziri Adio'.  
Waziri Adio  
Executive Secretary

## Appendix 0-21 Social Expenditure – Covered Entities

			SOCIAL EXPENDITURE FOR THE COVERED ENTITIES						
S/ N	COMPANY	TYPE OF PROJECT	AS AT 2014			NO OF PROJECT	AS AT 2013		
			AMOUNT	NGN	USD		AMOUNT	NGN	USD
1	JVs MOBIL PRODUCING NIGERIA	Road construction, Electricity projects, Health & Medical, Socio & Cultural, Water Projects Education, Electricity projects, Health & Medical, Socio & Cultural, Water Projects, Economic Empowerment, Sports Education, Electricity projects, Health & Medical, Socio & Cultural, Water Projects, Economic Empowerment	6,436,965,892 420,812,274 5,420,431	77,826 216,291 -	40,798,640 2,851,753 34,307	48	411,965,587 4,956,360	370,519 -	2,989,173 31,469
2	NOAC								
3	ND WESTERN								
4	PAN OCEAN	Social Amenities Education, Electricity projects, Health & Medical, Socio & Cultural, Water Projects, Economic Empowerment		262,331					
5	TOTAL - TEPNG	Empowerment, Agriculture, Road Construction	15,979,264	5,245,506		128	10,337,571,844	5,248,801	70,884,178
6	CHEVRON		2,193,971,919		13,885,898				
	PSCs		2,421,176,337		15,323,901	81	1,879,507,243	-	11,933,379
6	ADDAX - APDNL	Education, Construction, Socio-Economic, Education, Agriculture	148,857		960	9	261,058	1,681	3,339
7	ADDAX - APENL	Water Project	36,874		237				
8	ESSO - Erha	Social & Cultural, Health Social & Cultural, Economic Empowerment, Education	519,815 315,437		3,185 1,888	2	230,726,665	-	1,464,931
9	ESSO - Usan	Education, Health	36,400		218				
10	NAE	Social & Cultural, Economic Empowerment Social & Cultural, Economic Empowerment,	110,677		793				

11	OANDO / CONOCO PHILIP	Education	38,886		250	4	92,948	250	840
12	SNEPO	Education, Health,Economic Development	316	2		27	153,200	967	1,940
13	STARDEEP	Social Economic, Sport	174,959	1,381					
14	STATOIL	Social & Cultural, Economic Empowerment, Education,Health	2,797,608	1,562		19	2,038,296	1,470	14,412
15	STERLING	Education, Construction, Socio-Economic, Education, Road, Health, Economic Empowerment	376,240			6	230,185	85	1,546
16	TOTAL - TUPNI	Education, Construction, Socio-Economic, Education, Road, Health, Economic Empowerment, Social & Cultural	529,300	1,223					
17	MFOs ALLIED & CAMAC	Education, Construction, Economic Empowerment	166,971,969	371,894	8	67,405,118	3,209,531	3,637,500	
18									
19	ATLAS & SUMMIT	Social amentities	50,410,000						
20	BRITANIA-U								
21	CONOG		140,000,000						
		Education, Economic Empowerment	451,895,013						
22	CONOIL	Social Amentities	41,888,000						
23	DUPRI					1	1,520,000	-	9,651
24	ENERGIA								
25	EXPRESS								
26	FHN								
27	FRONTIER		54,087,662						
28	MID WESTERN								
29	MONIPULO		317,668	2,026					

			130,104,200		19	185,117,339	-	1,175,348	
30	NDPR		129,654,200	6,304,177	12	224,346,075	-	1,424,420	
31	NECONDE		70,689,009						
32	NEWCROSS								
33	OPTIMUM PETROL								
34	ORIENTAL ENERGY		546,343,954	2,845,445	11	585,258,720	3,657,867	7,373,795	
35	PILLAR OIL				6	19,780,000	-	125,587	
36	PLATFORM		72,540,900						
37	SEPLAT		189,000	1,141	9	169,500,000	1,093,547	2,169,737	
38	SHEBAH								
39	WALTER SMITH		128,840		5	32,266,186		204,865	
	<b>TOTAL</b>		<b>13,492,565,198</b>	<b>16,782,265</b>	<b>73,273,923</b>	<b>407</b>	<b>14,152,696,824</b>	<b>13,584,718</b>	<b>103,446,110</b>

**Appendix 0-22 Status of Oil Mining Leases**

STATUS OF OIL MINING LEASES (OMLs) 2014								
S/N	NAME OF COMPANY	CONCESSION HELD	TYPE OF GRANT	AREA (SQ.KM)	GEOLOGICAL LOCATION	DATE OF GRANT	DATE OF LICENSE EXPIRATION	REMARKS
1	NNPC/AITEO EASTERN E&P CO. LTD (AITEO)	OML 29	JVC	983	Niger Delta (Onshore)	01.07.1989	30.06.2019	1. Aiteo acquired 45% in the lease through divestment from SPDC 2. Producing
2	ALLIED ENERGY RESOURCES NIG. LTD	OML 120	SR	910	Niger Delta (Deep Offshore)	27.02.2001	26.02.2021	Producing
		OML 121	SR	885		27.02.2001	26.02.2021	Non-producing
3	AMNI INTERNATIONAL PETROLEUM LTD	OML 112	SR	438	Niger Delta (Continental Shelf)	12.02.1998	12.02.2018	OML 112 Producing
		OML 117	SR	51		06.08.1999	5.08.2019	
4	NNPC/AMNI INT'L PETR. DEV. CO. LTD OML 52 (AMNI OML 52)	OML 52	JVC	247	Niger Delta (Onshore)	14.06.1997	13.06.2027	1. Acquired 40% equity from Chevron through divestment 2. Non-producing
5	ATLAS PETROLEUM NIG. LTD	OML 109	SR	772	Niger Delta (Continental Shelf)	25.05.1996	24.05.2016	1. Producing 2. Renewal process ongoing
6	NNPC/BELEMAOIL PRODUCING LTD.	OML 55	JVC	849	Niger Delta (Onshore)	14.06.1997	13.06.2027	1. Acquired 40% equity from Chevron through divestment 2. Producing

7	CAVENDISH PETROLEUM NIG. LTD	OML 110	SR	966	Niger Delta (Continental Shelf)	07.08.1996	6.08.2016	Non-producing
8	NNPC/CHEVRON NIG. LTD.	OML 49	JVC	1707	Niger Delta (Onshore)	14.06.1997	13.06.2027	Producing
		OML 51	JVC	145	Niger Delta (Onshore)	14.06.1997	13.06.2027	Non-producing
		OML89	JVC	364	Niger Delta (Onshore)	18.08.2014	17.08.2034	Non-producing
		OML 91	JVC	157	Niger Delta (Continental Shelf)	18.08.2014	17.08.2034	Non-producing
		OML 86	JVC	385	Niger Delta (Continental Shelf)	18.08.2014	17.08.2034	Producing
		OML 88	JVC	773	Niger Delta (Continental Shelf)	18.08.2014	17.08.2034	Producing
		OML 90	JVC	653	Niger Delta (Continental Shelf)	18.08.2014	17.08.2034	Producing
		OML 95	JVC	1217	Niger Delta (Continental Shelf)	18.08.2014	17.08.2034	Producing
	CHEVRON NIG. LTD.	OML 132	PSC	804	Niger Delta (Deep Offshore)	20.12.2005	19.12.2025	Non-producing

S/N	NAME OF COMPANY	CONCESSION HELD	TYPE OF GRANT	AREA (SQ.KM)	GEOLOGICAL LOCATION	DATE OF GRANT	DATE OF LICENSE EXPIRATION	REMARKS
9	OANDO PLC	OML 131	PSC	1210	Niger Delta (Deep Offshore)	24.04.2005	23.04.2025	1. Acquired through divestment from Conocophillips 2. Non-Producing
10	CONOIL PRODUCING LTD	OML 103	SR	914	Niger Delta (Onshore)	02.06.1993	01.06.2013	1. The lease renewal process ongoing 2. Producing
		OML 136	SR	1295	Niger Delta (Continental Shelf)	27.07.2006	26.07. 2026	Non-producing
11	CONTINENTAL OIL & GAS COMPANY LTD. (CONOG)	OML 59	SR	836	Niger Delta Onshore	06.06.1998	05.06.2018	Producing
		OML 150	PSC	428	Niger Delta (Onshore)	10.03.2016	09.03.2036	Non-producing
12	DUBRI OIL CO. (NIG.) LIMITED	OML 96	SR	221	Niger Delta (Onshore)	02.05.2013	01.05.2033	Producing
13	TOTAL EXP & PROD.NIG. LTD.	OML 138	PSC	656	Niger Delta (Deep Offshore)	17.05.2007	16.05.2017	Producing
		OML 139	PSC	656	Niger Delta (Deep Offshore)	17.05.2007	16.05.2017	Non-producing
	NNPC/TOTAL EXP & PROD.NIG. LTD.	OML 99	JVC	171	Niger Delta (Continental)	02.05.2013	01.05.2033	Producing

				Shelf)				
	OML100	JVC	179	Niger Delta (Continental Shelf)	02.05.2013	01.05.2033	Producing	
	OML 102	JVC	796	Niger Delta (Continental Shelf)	02.05.2013	01.05.2033	Producing	
	OML 58	JVC	518	Niger Delta (Onshore)	14.06.2097	13.06.2027	Producing	
14	EMERALD ENERGY RES. LTD	OML 141	SR	1295	Niger Delta (Onshore)	08.11.2007	07.08.2027	Non-producing
15	ENAGEED RESOURCES LTD.	OML 148	PSC	870	Niger Delta (Onshore)	15.05.2015	14.05.2035	Non-producing
16	NNPC/EROTON E&P CO. (EROTON)	OML 18	JVC	1035	Niger Delta (Onshore)	01.07.2089	30.06.2019	1. Acquired 45% through divetment from SPDC 2. Producing
17	ESSO E & P. LTD	OML 133	PSC	1100	Niger Delta (Deep Offshore)	08.02.2006	07.02.2026	Producing
		OML 145	PSC	1293	Niger Delta (Deep Offshore)	30.05.2014	29.05.2034	Producing
18	EXPRESS PETROLEUM & GAS CO. LTD	OML 108	SR	759	Niger Delta (Continental Shelf)	01.11.1995	31.10.2015	1. Renewal process ongoing 2. Producing

S/N	NAME OF COMPANY	CONCESSION HELD	TYPE OF GRANT	AREA (SQ.KM)	GEOLOGICAL LOCATION	DATE OF GRANT	DATE OF LICENSE EXPIRATION	REMARKS
19	NNPC/FIRST E&P	OML 83	JVC	109	Niger Delta (Continental Shelf)	18.08.2014	17.08.2034	1. Acquired 40% equity from Chevron through divestment 2. Non-producing
		OML 85	JVC	515	Niger Delta (Continental Shelf)	18.08.2014	17.08.2034	
20	NNPC/WEST AFRICAN E&P CO. LTD (WAEP)	OML 71	JVC	730	Niger Delta (Continental Shelf)	18.12.2014	17.12.2034	1. Acquired 45% equity from SPDC through divestment 2. Non-producing
		OML 72	JVC	1129	Niger Delta (Continental Shelf)	18.12.2014	17.12.2034	
21	GEC PETROLEUM DEVELOPMENT COMPANY LTD (GLOBAL ENERGY)	OML 149	PSC	941	Niger Delta (Onshore)	05.02.2015	04.02.2035	Non-producing
		OML 151	PSC	171	Niger Delta (Continental Shelf)	10.03.2016	09.03.2036	Non-producing
22	FAMFA/STAR DEEP WATET PETROLEUM LIMITED	OML 127	SR	1281	Niger Delta (Deep Offshore)	25.11.2004	24.11.2024	Producing
23	MOBIL PRODUCING NIG. UNLIMITED	OML104	JVC	675	Niger Delta (Continental	14.01.1998	13.01.2018	Producing

				Shelf)				
		OML 67	JVC	119	Niger Delta (Continental Shelf)	11.03.2011	10.03.2031	Producing
		OML 68	JVC	119	Niger Delta (Continental Shelf)	11.03.2011	10.03.2031	Producing
		OML 70	JVC	1250	Niger Delta (Continental Shelf)	11.03.2011	10.03.2031	Producing
24	MONI PULO LTD.	OML 114	SR	464	Niger Delta (Continental Shelf)	03. 01.1999	02.01.2019	Producing
25	NNPC/NEWCROSS E & P	OML 24	JVC	162	Niger Delta (Onshore)	01.07.2009	30.06.2019	1. Acquired 45% equity interest through divestment from SPDC. 2. Producing
26	NIGERIA AGIP EXPLORATIO (NAE)	OML 134	PSC	1131	Niger Delta (Deep Offshore)	31.05.2006	30.05.2026	Non-producing
		OML 125	PSC	1219	Niger Delta (Deep Offshore)	02.01.2003	01.01.2023	Producing
27	NNPC/NIGERIA AGIP OIL CO. LTD.	OML 60	JVC	358	Niger Delta (Onshore)	14.06.1997	13.06.2027	Producing
		OML 61	JVC	1500	Niger Delta (Onshore)	14.06.1997	13.06.2027	Producing
		OML 62	JVC	1211	Niger Delta (Onshore)	14.06.1997	13.06.2027	Producing

		OML 63	JVC	2246	Niger Delta (Onshore)	14.06.1997	13.06.2027	Producing
S/N	NAME OF COMPANY	CONCESSION HELD	TYPE OF GRANT	AREA (SQ.KM)	GEOLOGICAL LOCATION	DATE OF GRANT	DATE OF LICENSE EXPIRATION	REMARKS
28	NNPC/AGIP ENERGY AND NATURAL RESOURCES (AENR)	OML 116	SC	360	Niger Delta (Continental Shelf)	06.08.1979	05.08.2019	Producing
29	NNPC/ADDAX PETROLEUM (ADDAX)	OML 126	PSC	705	Niger Delta (Continental Shelf)	25.11.2004	24.11.2024	Producing
		OML 137	PSC	849	Niger Delta (Continental Shelf)	23.04.2007	22.04.2027	Producing
		OML 123	PSC	401	Niger Delta (Continental Shelf)	14.08.2002	13.04.2022	Producing
		OML 124	PSC	300	Niger Delta (Onshore)	14.08.2002	13.04.2022	Producing
30	NPDC/ELCREST E&P NIG. LTD.	OML 40	JVC	498	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing
31	NPDC/NECONDE ENERGY LTD.	OML 42	JVC	814	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing
32	NNPC/FIRST HYDROCARBON NIG. LTD	OML 26	JVC	165	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing

33	NNPC/ND WESTERN LTD.	OML 34	JVC	950	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing
34	NIGERIA PET. DEV. CO. (NPDC)	OML 119	SR	715	Niger Delta (Continental Shelf)	31.10.2000	30.10.2020	Producing
		OML 111	SR	461	Niger Delta (Onshore)	1996	2016	Producing
		OML 64	SR	278	Niger Delta (Onshore)	.09.1989	9.2019	Producing
		OML 65	SR	1019	Niger Delta (Onshore)	.09.1989	9.2019	Producing
		OML 66	SR	204	Niger Delta (Onshore)	07.09.1989	06.09.2019	Producing
35	NNPC/SHORELINE NATURAL RESOURCES LTD.	OML 30	JVC	1097	Niger Delta (Onshore)	01.07.89	30.06.2019	Producing
36	OIL AND GAS NIG. LTD.	OML 140	SR	1220	Niger Delta (Deep Offshore)	18.07.07	17.07.27	Non-producing
37	ORIENTAL ENERGY RESOURCES LTD	OML 115	SR	310	Niger Delta (Continental Shelf)	20.5.1999	19.5.2019	Non-producing
38	NNPC/PAN OCEAN OIL CORPORATION	OML 98	JVC	523	Niger Delta (Onshore)	.06.1976	7.7.2018	Producing
39	PAN OCEAN /ANIOMA	OML 147	PSC	544	Niger Delta (Onshore)	23.10.2014	22.10.2034	Non-producing

S/N	NAME OF COMPANY	CONCESSION HELD	TYPE OF GRANT	AREA (SQ.KM)	GEOLOGICAL LOCATION	DATE OF GRANT	DATE OF LICENSE EXPIRATION	REMARKS
40	PEAK PETROLEUM INDUSTRIES NIG. LTD	OML 122	SR	1295	Niger Delta (Continental Shelf)	17.05.2001	16.05.2021	Non-producing
41	NPDC/SEPLAT	OML 4	JVC	267	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing
		OML 38	JVC	2152	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing
		OML 41	JVC	291	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing
		OML 53	JVC	1562	Niger Delta (Onshore)	14.06.1997	13.06.2027	1. Acquired 40% equity from Chevron through divestment 2. Producing
42	NNPC/SHELL PETROLEUM DEVELOPMENT COMPANY (SPDC)	OML 11	JVC	3097	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing
		OML 17	JVC	1301	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing
		OML 20	JVC	405	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing
		OML 21	JVC	372	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing
		OML 22	JVC	722	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing
		OML 23	JVC	483	Niger Delta	01.07.1989	30.06.2019	Producing

			(Onshore)			
OML 25	JVC	429	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing
OML 27	JVC	165	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing
OML 28	JVC	936	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing
OML 31	JVC	1097	Niger Delta (Onshore)	01.07.1989	30.06.2019	Non-producing
OML 32	JVC	565	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing
OML 33	JVC	336	Niger Delta (Onshore)	01.07.1989	30.06.2019	Non-producing
OML 35	JVC	1144	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing
OML 36	JVC	338	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing

30

S/N	NAME OF COMPANY	CONCESSION HELD	TYPE OF GRANT	AREA (SQ.KM)	GEOLOGICAL LOCATION	DATE OF GRANT	DATE OF LICENSE EXPIRATION	REMARKS
42	NNPC/SHELL PETROLEUM DEVELOPMENT COMPANY (SPDC)	OML43	JVC	767	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing
		OML 45	JVC	76	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing

		OML 46	JVC	1080	Niger Delta (Onshore)	01.07.1989	30.06.2019	Producing
		OML 74	JVC	1324	Niger Delta (Continental Shelf)	18.12.2014	17.12.2034	Non-producing
		OML 77	JVC	962	Niger Delta (Continental Shelf)	18.12.2014	17.12.2034	Non-producing
		OML 79	JVC	970	Niger Delta (Continental Shelf)	18.12.2014	17.12.2034	Producing
43	SHELL NIG.EXP & PROD. CO. LTD	OML 118	PSC	1167	Niger Delta (Deep Offshore)	28.11.2005	27.11.2025	Producing
		OML 135	PSC	926	Niger Delta (Deep Offshore)	03.07.2006	02.07.2026	Non-producing
44	SOUTH ATLANTIC PET. LTD.	OML 130	SR	1295	Niger Delta (Depp Offshore)	25.04.2005	24.04.2025	Producing
45	STATOIL (NIGERIA) LIMITED	OML 128	PSC	1198	Niger Delta (Depp Offshore)	28.12.2004	27.12.2024	Producing
		OML 129	PSC	1023	Niger Delta (Depp Offshore)	28.12.2004	27.12.2024	Non-producing
46	SUMMIT OIL INTERNATIONAL	OML 142	SR	1295	Anambra Basin (Onshore)	12.06.2009	11.06.2029	Non-producing

47	SUNLINK PETROLEUM LIMITED	OML 144	SR	96	Niger Delta (Continental Shelf)	02.05.2013	01.05.2033	Non-producing
48	STERLING OIL E&P PRODUCTION CO. LTD (SEEPCO)	OML 146	PSC	29	Niger Delta (Onshore)	25.10.2014	24.10.2034	Non-producing
		OML 143	PSC	369	Niger Delta (Onshore)	29.12.2010	28.12.2030	Producing
49	YINKA FOLAWIYO PET. CO. LTD	OML 113	SR	1670	Benin Basin (Continental Shelf)	01.06.1998	31.05.2018	Non-producing

31

**TOTAL NUMBER OF OMLs = 109**

## Appendix 0-23 Monthly Oil and Gas Specific Revenue Flows to the Federation Accounts

Mineral Revenue (Oil and Gas Sector)	January	Februar y	March	April	May	June	July	August	Septembe r	October	Novemb er	Decembe r	Total
N' Millions	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<i>Amount transferred from</i>													
(i) Crude Sales	770	941	1,167	1,039	1,052	757	772	863	727	616	492	616	9,811
(ii) Gas Sales	61	178	139	284	51	214	264	174	34	254	-	54	1,708
(iii) Crude Sales November 2013	616	-	-	-	-	-	-	-	-	-	-	-	616
(iv) Domestic Crude	1,353	1,424	1,526	1,246	1,613	1,234	1,147	1,686	1,328	948	1,606	1,928	17,039
(v) Petroleum Profit Tax - PPT	1,235	1,733	1,156	1,145	1,394	1,593	1,343	1,250	1,251	1,255	1,262	1,083	15,698
(v) Oil Royalty	451	714	690	441	564	445	724	531	367	454	550	381	6,311
(viii) Rentals (Acreage and Rentals)	0	0	1	0	-	0	0	0	0	0	0	0	3
(vii) Penalty for Gas Flared	1	3	3	1	1	1	1	1	2	1	3	1	19
(vi) Gas Royalty	9	12	8	9	15	11	13	13	10	15	8	12	135
(ix) Signature Bonus	-	100	-	-	-	-	41	1	-	-	-	-	142
(x) Miscellaneous Revenue	0	0	-	0	0	0	1	17	-	1	0	488	507
<b>Mineral Revenue (A)</b>	<b>4,496</b>	<b>5,105</b>	<b>4,689</b>	<b>4,166</b>	<b>4,690</b>	<b>4,254</b>	<b>4,306</b>	<b>4,535</b>	<b>3,719</b>	<b>3,544</b>	<b>3,921</b>	<b>4,563</b>	<b>51,987</b>
Less:													
Excess Crude	-	-	(211)	(272)	(266)	-	-	(216)	-	-	-	-	(964)
JVC Crude	(1,232)	(726)	(616)	(616)	(616)	(516)	(616)	(616)	(616)	(616)	(492)	(616)	(7,891)
Domestic Crude	(547)	(613)	(726)	(500)	(817)	(427)	(555)	(1,086)	(497)	(234)	(675)	(1,073)	(7,751)
Excess Gas Royalty	-	(3)	-	-	(6)	(2)	(4)	-	-	-	-	-	(15)

Excess PPT	(47)	(546)	-	-	-	(405)	(155)	(246)	(247)	(251)	(258)	(79)	(2,233)
Excess Oil Royalty	(64)	(326)	(303)	(54)	(177)	(58)	(337)	(164)	(0)	(88)	(184)	(15)	(1,769)
<b>Total Deductions (B)</b>	<b>(1,890)</b>	<b>(2,214)</b>	<b>(1,856)</b>	<b>(1,442)</b>	<b>(1,881)</b>	<b>(1,408)</b>	<b>(1,667)</b>	<b>(2,328)</b>	<b>(1,360)</b>	<b>(1,188)</b>	<b>(1,608)</b>	<b>(1,782)</b>	<b>(20,624)</b>
<b>Net Mineral Revenue for Sharing (A+B)</b>	<b>2,606</b>	<b>2,890</b>	<b>2,833</b>	<b>2,724</b>	<b>2,809</b>	<b>2,846</b>	<b>2,639</b>	<b>2,207</b>	<b>2,359</b>	<b>2,355</b>	<b>2,313</b>	<b>2,780</b>	<b>31,363</b>
<b>Mineral Revenue</b>													
<b>Rate (%)</b>													
45.83	1,195	1,325	1,298	1,249	1,288	1,305	1,210	1,011	1,081	1,079	1,060	1,274	14,374
23.25	606	672	659	633	653	662	614	513	548	547	538	646	7,291
17.92	467	518	508	488	503	510	473	396	423	422	415	498	5,621
13.00	339	376	368	354	365	370	343	287	307	306	301	361	4,077
<b>100</b>	<b>2,606</b>	<b>2,890</b>	<b>2,833</b>	<b>2,724</b>	<b>2,809</b>	<b>2,846</b>	<b>2,639</b>	<b>2,207</b>	<b>2,359</b>	<b>2,355</b>	<b>2,313</b>	<b>2,780</b>	<b>31,363</b>

## Appendix 0-24 Indemnity Form

### INDEMNITY

THIS INDEMNITY is given this \_\_\_\_ of \_\_\_\_\_ 201\_\_\_\_ by \_\_\_\_\_ of \_\_\_\_\_, Nigeria; (hereinafter referred to as "Indemnitor" which expression shall where the context so permits include his/her heirs, successors, assigns, personal representatives or any person claiming on his/her behalf) of the first part;

To

CHEVRON NIGERIA LIMITED of 2 Chevron Drive Lekki Peninsula Lagos Nigeria; (hereinafter referred to as "CNL" which expression shall where the context so permits include its affiliates, and their successors and assigns, or any combination thereof) of the second part.

Whereas;

- (i) The Indemnitor have requested that CNL should transport Indemnitor to and from CNL's Escravos Operations via CNL's air transportation facilities.
- (ii) CNL has agreed to provide air transportation and allow Indemnitor to visit CNL's Escravos Operations in accordance with the Indemnities contained herein.

In consideration of CNL providing to air transportation to and from CNL's Escravos Operations and allowing access to CNL's Escravos Operations, Indemnitor hereby agrees;

1. To RELEASE, INDEMNIFY AND HOLD HARMLESS CNL from and against any loss, damage, claims, suits, demands, costs, charges or liability of any nature whatsoever, including death, personal injury and/or damage to property, whether to me, or to third parties arising from CNL's provision of air transportation and the visit to CNL's Escravos Operations.
2. To waive all rights to make claims or file suit against CNL and its affiliates for, and release CNL from all liability or responsibility of any kind arising from such damage, loss, cost or expense.
3. To indemnify CNL from any claims or suit filed on my behalf by any person including my employers or any person claiming on my behalf in respect of the matters covered by this Indemnity.
4. I expressly state that before executing this instrument:
  - (i) I have carefully read and fully understand all the provisions of this Indemnity;
  - (ii) I accept the content of this Indemnity and voluntarily execute same and acknowledge that I have made the same, knowingly, voluntarily, and without threat, duress or undue influence whatsoever.

Signature: \_\_\_\_\_

In the presence of:

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Designation: \_\_\_\_\_

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Date: \_\_\_\_\_

## Appendix 0-25 Sign-Off Letter



### AMNI INTERNATIONAL

PETROLEUM DEVELOPMENT COMPANY LIMITED RC 224,901

Plot 1377, Tiamiyu Savage Street  
Victoria Island  
P. O. Box 54452, Falomo  
Lagos, Nigeria.  
Tel: 234-1-454 0334 - 7  
234-1-461 9217; Fax: 234-1-342 8764  
website: [www.amnipetroleum.com](http://www.amnipetroleum.com)

No. 10, Temple Amadi Road  
Off Abacha Road  
G.R.A Phase II  
Port Harcourt  
P.M.B. 070, Trans Amadi.  
Tel: 084-661 338 - 40

Our Ref:  
8 December 2016

Managing Partner,  
SIAO Partners (Chartered Accountants)  
18b Olu-Holloway Road, Ikoyi,  
Lagos, Nigeria

Dear Sir/Ma,  
**RE: NIGERIA EXTRACTIVE INDUSTRIES TRANSPARENCY INITIATIVE (NEITI) RECONCILIATION 2014  
REPRESENTATION OF FULL DISCLOSURE AND SIGN-OFF**

In connection with the NEITI reconciliation being undertaken for the National Stakeholder Working Group (NSWG) of the NEITI, concerning financial flows from Companies and received by the relevant Agencies of the Federal Republic of Nigeria in the calendar year (fiscal) 2014, we confirm that to the best of our knowledge and belief:

1. We have fully declared to you all amounts we paid to the Nigerian government and (if any) the cash calls received from the government;
2. Those amounts are consistent with the audited financial statements of our Company for the period under review;
3. No payment was made by our Company to any official of the Federal Republic of Nigeria, or Agency thereof, aimed at securing or rewarding benefits for the company;
4. The attached schedule represent various payments or cash flows to government and Statutory Agencies that have been signed-off by us with an outstanding unreconciled balances (if any) for the year 2014.

We confirm that above representations are made on the basis of extensive enquiries of management and staff with the relevant knowledge and experience, including where appropriate the inspection of supporting documentation, sufficient to satisfy ourselves that we can properly make each of these representations to you.

We confirm, after making appropriate enquiry that no payment was made by any other party that would have been required to be disclosed to you, had it been made by our Company.

Yours faithfully,

A handwritten signature in blue ink, appearing to read 'R. A. O.' followed by a stylized surname.

Ag. Group Managing Director  
Amni International Petroleum Development Company Limited

**Appendix 0-26 List Of Crude Oil Terminals in Nigeria By Operational Zones**

<b>CRUDE OIL TERMINAL OPERATIONS</b>						
<b>LIST OF CRUDE OIL TERMINALS IN NIGERIA BY OPERATIONAL ZONES</b>						
<b>Western Zone (Operations Supervised by DPR Warri Zonal Office)</b>						
S/N	TERMINAL	TYPE	PLATFORM	PRODUCT	CAPACITY (Bbls)	OPERATOR
1	UKPOKITI	Offshore	FPSO	Crude Oil	1,970,258	EXPRESS/SHEBA
2	EA (Sea Eagle)	Offshore	FPSO	Crude Oil	1,479,858	SPDC
3	AJAPA	Offshore	FPSO	Crude Oil	80,000	BRITTANIA-U
4	TULJA	Offshore	FSO	Crude Oil	1,762,445	STERLING
5	ESCRAVOS	Onshore	Land	Crude Oil	2,223,754	CHEVRON
6	FORCADOS	Onshore	Land	Crude Oil	6,289,832	SHELL
7	PENINGTON	Offshore	FSO	Crude Oil	2,224,132	CHEVRON
					16,030,279	
<b>Eastern Zone (Operations Supervised by DPR Port-Harcourt Zonal Office)</b>						
S/N	TERMINAL	TYPE	PLATFORM	PRODUCT	CAPACITY (Bbls)	OPERATOR
1	ODUDU/AMENAM	Offshore	FSO	Crude Oil	2,198,000	TEPNG
2	OKWORI	Offshore	FPSO	Crude Oil	1,700,000	ADDAX
3	ANTAN	Offshore	FPSO	Crude Oil	1,036,750	ADDAX
4	OKONO	Offshore	FPSO	Crude Oil	949,000	NPDC
5	OKORO	Offshore	FPSO	Crude Oil	360,000	AMNI
6	IMA	Offshore	FPSO	Crude Oil	994,989	AMNI
7	YOHO	Offshore	FSO	Crude Oil	2,192,653	MOBIL
8	EBOK	Offshore	FSO	Crude Oil	1,175,000	ORIENTAL
9	BONNY	Onshore	Land	Crude Oil	5,700,000	SHELL
10	BRASS	Onshore	Land	Crude Oil	3,271,000	AGIP
11	QUA IBOE	Onshore	Land	Crude Oil	8,520,000	MOBIL

28,097,392
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**Lagos Zone (Operations Supervised by DPR Lagos Zonal Office)**

S/N	TERMINAL	TYPE	PLATFORM	PRODUCT	CAPACITY (Bbls)	OPERATOR
1	ERHA	Offshore	FPSO	Crude Oil	2,211,400	ESSO (MOBIL)
2	BONGA	Offshore	FPSO	Crude Oil	1,998,577	SNEPCO
3	OYO	Offshore	FPSO	Crude Oil	1,109,580	ALLIED ENERGY
4	AGBAMI	Offshore	FPSO	Crude Oil	2,150,000	CHEVRON
5	AKPO	Offshore	FPSO	Crude Oil	1,999,788	TOTAL UPSTREAM
6	USAN	Offshore	FPSO	Crude Oil	2,132,000	ESSO (MOBIL)
7	ABO	Offshore	FPSO	Crude Oil	933,130	NAE
8	AJE	Offshore	FPSO	Crude Oil	757,392	YINKA FOLAWIYO
					13,291,867	
<b>NUMBER OF LAND TERMINALS:</b>		<b>5</b>				
<b>NUMBER FPSO's:</b>		<b>16</b>				
<b>NUMBER OF FSO's:</b>		<b>5</b>				
<b>TOTAL NUMBER OF TERMINALS:</b>		<b>26</b>				

## Appendix 0-27 Crude Oil Terminals and Crude Oil Injectors

CRUDE OIL TERMINALS AND CRUDE OIL INJECTORS						
SN	TERMINAL	OPERATING COMPNAY	TERMINAL METERING SYS	INJECTORS/PARTNERS	MEASUREMENT SYSTEM @ INJECTION POINT	TYPES OF METERS @ INJECTION POINT
1	BONNY OIL & GAS TERMINAL (BOGT)	SHELL PETROLEUM DEVELOPMENT COMPANY (SPDC)	LACT WITH ULTRASONIC FLOW METERS	NIGER DELTA PETROLEUM	LACT @ OGBELE FS	PD METERS & PROVER
				WALTER SMITH PETROLMAN	LACT @ IBIGWE FS	TURBINE METERS & PROVER
				TOTAL E&P NIGERIA LTD	LACT @ OBAGI & OLO FS	PD METERS & PROVER
				CHEVRON/BELEMA	LACT @ INDIA, IDAMA & ROBERTKIRI FS	PD METERS & PROVER
2	FORCADOS TERMINAL	SHELL PETROLEUM DEVELOPMENT COMPANY (SPDC)	LACT WITH PD METERS	NPDC (NECONDE, ELCREST, ND WESTERN, FIRST HYDROCARBON AND SHORELINE AS PRTNERS)	LACT @ OPUAMA	CORIOLIS METERS & MASTER METER/PROVER
					LACT @ BATAN	
					LACT @ KEREMO	
					LACT @ FORCADOS RIVER	
					LACT @ RAPELE	
					LACT @ UGHELI WEST	
					LACT @ UGHELI EAST	
					LACT @ ERIEMU	
					LACT UTOROGU	
					LACT @ OSIOKA	
					LACT @ OGINI	
				NPDC/PANOCEAN	LACT @ OREDO	NA
				NIGERIAN AGIP OIL COMPANY (NAOC)	LACT @ BENIBOYE	NA
3	AGBAMI FPSO	STAR DEEP	LACT WITH	STAT OIL	CONCESSION	TURBINE METERS & PROVER

TERMINAL WATER PETROLEUM (CHEVRON)	TURBINE METERS			HOLDER		
				PETROBRASS	PSA PARTNER	
				FAMFA OIL	CONCESSION HOLDER	
				TEXACO NIGERIA	CONCESSION HOLDER	
				NNPC	GOVERNMENT EQUITY	
4 BONGA FPSO TERMINAL	SHELL NIGERIA EXPLORATION & PRODUCTION (SNEPCO)	LACT WITH TURBINE METERS		NNPC	GOVERNMENT EQUITY	TURBINE METERS & PROVER
				AGIP OIL	PARTNER	
				EXXON MOBIL	PARTNER	
5 ERHA FPSO TERMINAL	ESSO EXPLORATION & PRODUCTION (EXXON MOBIL)	LACT WITH TURBINE METERS		SHELL NIGERIA (SNEPCO)	PARTNER	TURBINE METERS & PROVER
				NNPC	GOVERNMENT	
6 USAN FPSO TERMINAL	ESSO EXPLORATION & PRODUCTION (EXXON MOBIL)	LACT WITH TURBINE METERS		NNPC	GOVERNMENT	TURBINE METERS & PROVER
				CHEVRON	PARTNER	
				NEXEN	PARTNER	
				TOTAL E&P NIGERIA LTD	PARTNER	
7 AKPO FPSO TERMINAL	TOTAL UPSTREAM NIGERIA LTD	LACT WITH TURBINE METERS		NNPC	GOVERNMENT	TURBINE METERS & PROVER
				BRASS OIL	PARTNER	
				SAPETRO	PARTNER	
				CNOOC	PARTNER	
8	OYO FPSO	ALLIED ENERGY LIMITED	LACT WITH TURBINE METERS	NONE	SOLE OWNER	TURBINE METERS & PROVER
9	ABO	NIGERIAN AGIP ENERGY	LACT WITH TURBINE METERS	OANDO	PARTNER	TURBINE METERS & PROVER
10	TULJA FPSO TERMINAL	STERLING EXPLORATION & ENERGY	PD METERS WITH MASTER	NNPC	PARTNER	PD METERS & MASTER METER

		PRODUCTION	METER			
11	AJAPA FPSO TERMINAL	BRITTANIA U NIGERIA LTD	LACT UINT WITH PD METERS	NONE	NONE	PD METERS WITH PROVER
12	UKPOKITI FPSO TERMINAL	SHEBA/EXPRESS PETROLEUM	LACT WITH PD METERS	ATLAS PETROLEUM	INJECTION FROM EJULUBE PLATFORM	PD METERS WITH PROVER
13	PENNINGTON FSO TERMINAL	CHEVRON NIGERIA LIMITED	LACT WITH PD METERS	CONTINENTAL OIL	INJECTION FROM MR. P PLATFORM	PD METERS WITH PROVER
				NNPC	PARTNER	
14	ESCRAVOS TERMINAL	CHEVRON NIGERIA LIMITED	LACT WITH PD METERS	CON OIL NIGERIA LTD	INJECTION FROM AUNTY JULIE PLATFORM	PD METERS WITH PROVER
				NNPC	PARTNER	
15	SEA EAGLE FPSO TERMINAL	SHELL PETROLEUM DEVELOPMENT COMPANY (SPDC)	LACT WITH TURBINE METERS	NNPC	PARTNER	TURBINE METERS & PROVER
				AGIP OIL	PARTNER	TURBINE METERS & PROVER
				TOTAL E&P NIGERIA LTD	PARTNER	TURBINE METERS & PROVER
16	ODUDU FSO TERMINAL	TOTAL E&P NIGERIA LTD	LACT WITH TURBINE METERS	NNPC	PARTNER	TURBINE METERS & PROVER
17	OKWORI FPSO TERMINAL	ADDAX PETROLEUM	LACT WITH TURBINE METERS	NNPC	PARTNER	TURBINE METERS & PROVER
				MONIPULO PETROLEUM	INJECTION FROM THEIR PLATFORM	TURBINE METERS & PROVER
18	OKONO FPSO TERMINAL	NIGERIAN PETROLEUM DEV. CO. (NPDC)	LACT WITH TURBINE METERS	NIGERIAN AGIP	PARTNER	TURBINE METERS & PROVER
19	OKORO FPSO TERMINAL	AMNI INTERNATIONAL PETROLEUM DEV. CO.	LACT WITH PD METERS	NONE	NONE	PD METERS WITH PROVER
20	ANTAN FPSO TERMINAL	ADDAX PETROLEUM	LACT WITH TURBINE METERS	NNPC	PARTNER	TURBINE METERS & PROVER
21	IMA FPSO TERMINAL	AMNI INTERNATIONAL PETROLEUM DEV. CO.	LACT WITH PD METERS	NONE	NONE	PD METERS WITH PROVER
22	YOHO FSO TERMINAL	MOBIL PRODUCING NIGERIA UNLIMITED	LACT WITH TURBINE METERS	NNPC	PARTNER	TURBINE METERS & PROVER
23	EBOK FSO TERMINAL	ORIENTAL ENERGY RESOURCES	LACT WITH TURBINE METERS	NNPC	PARTNER	TURBINE METERS & PROVER
				MOBIL	PARTNER	

24	BRASS TERMINAL	NIGERIAN AGIP OIL COMPANY (NAOC)		NNPC	PARTNER	TURBINE METERS & PROVER
				PLATFORM	INJECTION FROM KWALE FS	TURBINE METERS & PROVER
				MIDWESTERN	INJECTION FROM KWALE FS	TURBINE METERS & PROVER
				PILLAR	INJECTION FROM KWALE FS	TURBINE METERS & PROVER
				ADDAX	INJECTION FROM EBOCHA	PD METERS WITH PROVER
				CHEVRON	INJECTION FROM EBOCHA	PD METERS WITH PROVER
				AGIP ENERGY & NAT. RES.	INJECTION FROM AGABRA	TURBINE METERS & PROVER
				OANDO OIL	INJECTION FROM KWALE FS	TURBINE METERS & PROVER
25	QUA IBOE TERMINAL	MOBIL PRODUCING NIGERIA UNLIMITED	LACT WITH TURBINE METERS	NNPC	PARTNER	TURBINE METERS & PROVER
				NETWORK OIL AND GAS	INJECTION FROM IKOT ABASI	TURBINE METERS & PROVER
				FRONTIER OIL LIMITED	INJECTION FROM IKOT ABASI	TURBINE METERS & PROVER
26	AJE FPSO TERMINAL	YINKA FOLAWIYO PETROLEUM	LACT WITH TURBINE METERS	NEW AGE (VITOL)	PARTNER	TURBINE METERS & PROVER

**Appendix 0-28 Sub-National Payments to Various State Government**

PAYMENTS TO LAGOS STATE INTERNAL REVENUE SERVICE - PAYE		
S/N	ENTITY	\$'000
1	ALLIED ENERGY PLC	153.25
2	AMNI INTERNATIONAL PETROLEUM DEVELOPMENT COMPANY LIMITED	895.86
3	ATLAS PETROLEUM INT'L LTD	11.78
4	BRITTANIA U NIGERIA LIMITED	31.22
5	DUBRI OIL COMPANY LIMITED	63.02
6	ENERGIA LIMITED	411.91
7	EXPRESS PET. & GAS CO LTD	6.22
8	FRONTIER OIL LIMITED	207.79
9	MIDWESTERN OIL & GAS CO. LTD	519.85
10	NEWCROSS PETROLEUM LIMITED	248.22
11	PILLAR OIL LIMITED	499.60
12	PLATFORM PETROLEUM LIMITED	493.49
13	SEPLAT PETROLEUM DEVELOPMENT COMPANY	6,322.77
14	CHEVRON	67,674.19
15	ND WESTERN LIMITED	226.82
16	PAN OCEAN OIL CORPORATION NIGERIA LIMITED	2,342.89
17	TOTAL E&P NIGERIA LIMITED	22,197.87
18	ADDAX PETROLEUM DEVELOPMENT NIGERIA LIMITED	9,564.70
19	ESSO EXPLORATION & PROD NIGERIA LTD	9,465.49
20	SHELL NIGERIA EXPLORATION AND PRODUCTION COMPANY	29,535.67
21	STATOIL NIGERIA LIMITED	937.85

<b>22</b>	STERLING OIL EXPLORATION AND ENERGY PRODUCTION COMPANY	120.24
<b>23</b>	NIGER DELTA PETROLEUM RESOURCES LIMITED	70.48
	<b>TOTAL</b>	<b>152,001.18</b>

PAYMENTS TO DELTA STATE INTERNAL REVENUE SERVICE - PAYE		
S/N	ENTITY	\$'000
<b>1</b>	ENERGIA LIMITED	323.43
<b>2</b>	MIDWESTERN OIL & GAS CO. LTD	304.47
<b>3</b>	PILLAR OIL LIMITED	289.23
<b>4</b>	PLATFORM PETROLEUM LIMITED	382.44
<b>5</b>	SEPLAT PETROLEUM DEVELOPMENT COMPANY	2,362.20
<b>6</b>	SHEBAH EXPLORATION & PRODUCTION	160.24
<b>7</b>	WALTERSMITH PETROMAN OIL LTD	412.59
<b>8</b>	CHEVRON	72,501.11
<b>9</b>	ND WESTERN LIMITED	23.44
<b>10</b>	PAN OCEAN OIL CORPORATION NIGERIA LIMITED	581.21
<b>11</b>	SHELL NIGERIA EXPLORATION AND PRODUCTION COMPANY	158.44
<b>12</b>	STERLING OIL EXPLORATION AND ENERGY PRODUCTION COMPANY OML143	147.98
	<b>TOTAL</b>	<b>77,646.78</b>

PAYMENTS TO EDO STATE INTERNAL REVENUE SERVICE - PAYE		
S/N	ENTITY	\$'000
<b>1</b>	DUBRI OIL COMPANY LIMITED	83.66

<b>2</b>	SEPLAT PETROLEUM DEVELOPMENT COMPANY	667.51
<b>3</b>	PAN OCEAN OIL CORPORATION NIGERIA LIMITED	4,438.13
	<b>TOTAL</b>	<b>5,189.30</b>

PAYMENTS TO AKWA -IBOM STATE INTERNAL REVENUE SERVICE - PAYE		
S/N	ENTITY	\$'000
<b>1</b>	FRONTIER OIL LIMITED	598.36
<b>2</b>	MOBIL PRODUCING NIGERIA ULTD	41,763.03
<b>3</b>	ESSO EXPLORATION & PROD NIGERIA LTD	44.25
	<b>TOTAL</b>	<b>42,405.64</b>

PAYMENTS TO RIVERS STATE INTERNAL REVENUE SERVICE - PAYE		
S/N	ENTITY	\$'000
<b>1</b>	MONI PULO LIMITED	149.38
<b>2</b>	CHEVRON	5,047.08
<b>3</b>	MOBIL PRODUCING NIGERIA ULTD	3,894.51
<b>4</b>	NIGERIAN AGIP OIL COMPANY LIMITED	27,307.28
<b>5</b>	TOTAL E&P NIGERIA LIMITED	44,503.91
<b>6</b>	ADDAX PETROLEUM DEVELOPMENT NIGERIA LIMITED	687.38
<b>7</b>	ESSO EXPLORATION & PROD NIGERIA LTD	105.91
<b>8</b>	NIGERIAN AGIP EXPLORATION LIMITED	1,766.26
<b>9</b>	SHELL NIGERIA EXPLORATION AND PRODUCTION COMPANY	2,754.56
<b>10</b>	NIGER DELTA PETROLEUM RESOURCES LIMITED	150.53
<b>11</b>	STERLING OIL EXPLORATION AND ENERGY PRODUCTION COMPANY OML143	

		7.82
<b>12</b>	TOTAL UPSTREAM NIGERIA LIMITED	5,321.93
	<b>TOTAL</b>	<b>91,696.55</b>

PAYMENTS TO BAYELSA STATE INTERNAL REVENUE SERVICE - PAYE		
S/N	ENTITY	\$'000
<b>1</b>	ORIENTAL ENERGY RESOURCES LIMITED	14.67
<b>2</b>	CHEVRON	84.77
<b>3</b>	NIGERIAN AGIP EXPLORATION LIMITED	84.34
	<b>TOTAL</b>	<b>183.78</b>

PAYMENTS TO IMO STATE INTERNAL REVENUE SERVICE - PAYE		
S/N	ENTITY	\$'000
<b>1</b>	CHEVRON	208.07
<b>2</b>	ADDAX PETROLEUM DEVELOPMENT NIGERIA LIMITED	653.21
	<b>TOTAL</b>	<b>861.28</b>

PAYMENTS TO OGUN STATE INTERNAL REVENUE SERVICE - PAYE		
S/N	ENTITY	\$'000
<b>1</b>	CHEVRON	414.35
<b>2</b>	ADDAX PETROLEUM DEVELOPMENT NIGERIA LIMITED	114.14
<b>3</b>	SHELL NIGERIA EXPLORATION AND PRODUCTION COMPANY	58.25
	<b>TOTAL</b>	<b>586.74</b>

PAYMENTS TO OGUN STATE INTERNAL REVENUE SERVICE - PAYE		
S/N	ENTITY	\$'000
1	ADDAX PETROLEUM DEVELOPMENT NIGERIA LIMITED	414.96
	<b>TOTAL</b>	<b>414.96</b>

### WITHHOLDING TAXES

The table below shows withholding remittances made by the covered entities to various States Inland Revenue Service.

PAYMENTS TO LAGOS STATE INTERNAL REVENUE SERVICE - WHT		
S/N	ENTITY	\$'000
1	AMNI INTERNATIONAL PETROLEUM DEVELOPMENT COMPANY LIMITED	261.67
2	ALLIED ENERGY PLC	21.43
3	ALLIED ENERGY PLC [CAMAC]	21.43
4	ENERGIA LIMITED	1.08
5	MIDWESTERN OIL & GAS CO. LTD	104.05
6	MONI PULO LIMITED	7.64
7	NEWCROSS PETROLEUM LIMITED	2.08
8	PILLAR OIL LIMITED	15.96
9	PLATFORM PETROLEUM LIMITED	567.51
10	CHEVRON	345.23
11	MOBIL PRODUCING NIGERIA ULTD	914.51
12	ND WESTERN LIMITED	22.57
13	NIGER DELTA PETROLEUM RESOURCES DEVELOPMENT	39.56
14	PILLAR OIL LIMITED	85.17
15	ADDAX PETROLEUM EXPLORATION NIGERIA LIMITED	18.25
16	TOTAL E&P NIGERIA LIMITED	89.75
17	ADDAX PETROLEUM DEVELOPMENT NIGERIA LIMITED	102.57
18	ESSO EXPLORATION & PROD NIGERIA LTD	37.75
19	NIGERIAN AGIP EXPLORATION LIMITED	3.71
20	SHELL NIGERIA EXPLORATION AND PRODUCTION COMPANY	85.27
21	STATOIL NIGERIA LIMITED	44.98

<b>22</b>	STAR DEEPWATER PETROLEUM LIMITED	71.92
<b>23</b>	TOTAL UPSTREAM NIGERIA LIMITED	34.25
<b>24</b>	AGIP ENERGY AND NATURAL RESOURCES	5.40
	<b>TOTAL</b>	<b>2,903.74</b>

PAYMENTS TO RIVERS STATE INTERNAL REVENUE SERVICE - WHT		
S/N	ENTITY	\$'000
<b>1</b>	AMNI INTERNATIONAL PETROLEUM DEVELOPMENT COMPANY LIMITED	54.53
<b>2</b>	MIDWESTERN OIL & GAS CO. LTD	0.05
<b>3</b>	MONI PULO LIMITED	22.85
<b>4</b>	PILLAR OIL LIMITED	18.82
<b>5</b>	PLATFORM PETROLEUM LIMITED	31.89
<b>6</b>	CHEVRON	67.05
<b>7</b>	MOBIL PRODUCING NIGERIA ULTD	100.31
<b>8</b>	NIGERIAN AGIP OIL COMPANY LIMITED	1,068.47
<b>9</b>	NIGER DELTA PETROLEUM RESOURCES DEVELOPMENT	55.23
<b>10</b>	TOTAL E&P NIGERIA LIMITED	1,998.33
<b>11</b>	ADDAX PETROLEUM DEVELOPMENT NIGERIA LIMITED	13.49
<b>12</b>	ESSO EXPLORATION & PROD NIGERIA LTD	4.82
<b>13</b>	SHELL NIGERIA EXPLORATION AND PRODUCTION COMPANY	14.15
<b>14</b>	STAR DEEPWATER PETROLEUM LIMITED	0.10
<b>15</b>	TOTAL UPSTREAM NIGERIA LIMITED	10.66
<b>16</b>	AGIP ENERGY AND NATURAL RESOURCES	1.12
	<b>TOTAL</b>	<b>3,461.87</b>

PAYMENTS TO DELTA STATE INTERNAL REVENUE SERVICE - WHT		
S/N	ENTITY	\$'000
<b>1</b>	ENERGIA LIMITED	1.79
<b>2</b>	FHN 26 LIMITED	4.72
<b>3</b>	MIDWESTERN OIL & GAS CO. LTD	139.24
<b>4</b>	PILLAR OIL LIMITED	13.11
<b>5</b>	PLATFORM PETROLEUM LIMITED	28.14
<b>6</b>	CHEVRON	163.78
<b>7</b>	MOBIL PRODUCING NIGERIA ULTD	31.00
<b>8</b>	NIGERIAN AGIP OIL COMPANY LIMITED	169.99
<b>9</b>	NIGER DELTA PETROLEUM RESOURCES DEVELOPMENT	1.80
<b>10</b>	ND WESTERN LIMITED	0.52
<b>11</b>	TOTAL E&P NIGERIA LIMITED	2.10

<b>12</b>	SHELL NIGERIA EXPLORATION AND PRODUCTION COMPANY	3.90
<b>13</b>	STAR DEEPWATER PETROLEUM LIMITED	0.01
<b>14</b>	AGIP ENERGY AND NATURAL RESOURCES	0.28
	<b>TOTAL</b>	<b>560.38</b>

**PAYMENTS TO EDO STATE INTERNAL REVENUE SERVICE - WHT**

S/N	ENTITY	\$'000
<b>1</b>	MIDWESTERN OIL & GAS CO. LTD	4.57
<b>2</b>	CHEVRON	0.98
<b>3</b>	MOBIL PRODUCING NIGERIA ULTD	14.44
<b>4</b>	ADDAX PETROLEUM DEVELOPMENT NIGERIA LIMITED	1.99
<b>5</b>	SHELL NIGERIA EXPLORATION AND PRODUCTION COMPANY	0.23
	<b>TOTAL</b>	<b>22.21</b>

**PAYMENTS TO BAYELSA STATE INTERNAL REVENUE SERVICE - WHT**

S/N	ENTITY	\$'000
<b>1</b>	FRONTIER OIL LIMITED	15.48
<b>2</b>	PLATFORM PETROLEUM LIMITED	1.19
<b>3</b>	CHEVRON	1.53
<b>4</b>	MOBIL PRODUCING NIGERIA ULTD	14.05
<b>5</b>	NIGERIAN AGIP OIL COMPANY LIMITED	361.16
	<b>TOTAL</b>	<b>393.41</b>

**PAYMENTS TO KADUNA STATE INTERNAL REVENUE SERVICE - WHT**

S/N	ENTITY	\$'000
<b>1</b>	PILLAR OIL LIMITED	18.82
	<b>TOTAL</b>	<b>18.82</b>

**PAYMENTS TO AKWA IBOM STATE INTERNAL REVENUE SERVICE - WHT**

S/N	ENTITY	\$'000
<b>1</b>	FRONTIER OIL LIMITED	7.57
<b>2</b>	MOBIL PRODUCING NIGERIA ULTD	319.42
<b>3</b>	TOTAL E&P NIGERIA LIMITED	19.57
<b>4</b>	ESSO EXPLORATION & PROD NIGERIA LTD	1.74
	<b>TOTAL</b>	<b>348.30</b>

PAYMENTS TO CROSS RIVERS STATE INTERNAL REVENUE SERVICE - WHT		
S/N	ENTITY	\$'000
<b>1</b>	MONI PULO LIMITED	19.02
<b>2</b>	MOBIL PRODUCING NIGERIA ULTD	7.07
<b>3</b>	ADDAX PETROLEUM DEVELOPMENT NIGERIA LIMITED	2.73
	<b>TOTAL</b>	<b>28.81</b>

PAYMENTS TO KANO STATE INTERNAL REVENUE SERVICE - WHT		
S/N	ENTITY	\$'000
<b>1</b>	PLATFORM PETROLEUM LIMITED	20.67
	<b>TOTAL</b>	<b>20.67</b>

PAYMENTS TO OYO STATE INTERNAL REVENUE SERVICE - WHT		
S/N	ENTITY	\$'000
<b>1</b>	CHEVRON	0.60
<b>2</b>	MOBIL PRODUCING NIGERIA ULTD	1.25
<b>3</b>	NIGER DELTA PETROLEUM RESOURCES DEVELOPMENT	3.43
<b>4</b>	TOTAL E&P NIGERIA LIMITED	3.36
<b>5</b>	SHELL NIGERIA EXPLORATION AND PRODUCTION COMPANY	16.51
<b>6</b>	STAR DEEPWATER PETROLEUM LIMITED	0.15
	<b>TOTAL</b>	<b>25.30</b>

PAYMENTS TO IMO STATE INTERNAL REVENUE SERVICE - WHT		
S/N	ENTITY	\$'000
<b>1</b>	CHEVRON	6.82
<b>2</b>	ADDAX PETROLEUM DEVELOPMENT NIGERIA LIMITED	69.49
<b>3</b>	STAR DEEPWATER PETROLEUM LIMITED	0.18
	<b>TOTAL</b>	<b>76.49</b>

PAYMENTS TO ABIA STATE INTERNAL REVENUE SERVICE - WHT		
S/N	ENTITY	\$'000
<b>1</b>	MOBIL PRODUCING NIGERIA ULTD	4.70
<b>2</b>	ESSO EXPLORATION & PROD NIGERIA LTD	0.01
	<b>TOTAL</b>	<b>4.71</b>

PAYMENTS TO ENUGU STATE INTERNAL REVENUE SERVICE - WHT		
S/N	ENTITY	\$'000
<b>1</b>	MOBIL PRODUCING NIGERIA ULTD	0.42
<b>2</b>	SHELL NIGERIA EXPLORATION AND PRODUCTION COMPANY	0.02
	<b>TOTAL</b>	<b>0.44</b>

PAYMENTS TO OGUN STATE INTERNAL REVENUE SERVICE - WHT		
S/N	ENTITY	\$'000
<b>1</b>	MOBIL PRODUCING NIGERIA ULTD	9.55
	<b>TOTAL</b>	<b>9.55</b>

PAYMENTS TO ONDO STATE INTERNAL REVENUE SERVICE - WHT		
S/N	ENTITY	\$'000
<b>1</b>	MOBIL PRODUCING NIGERIA ULTD	0.46
	<b>TOTAL</b>	<b>0.46</b>

#### Appendix 0-29 NIMASA Cabotage Fee

NIMASA (CABOTAGE FEE)		
S/N	Oil Company	Total (\$)
<b>1</b>	ADDAX	1,903,175
<b>2</b>	AGIP	245,080
<b>3</b>	AMNI	126,151
<b>4</b>	CHEVRON	3,896,123
<b>5</b>	ESSO	1,528,292
<b>6</b>	MOBIL	5,388,958
<b>7</b>	NAE	533,100
<b>8</b>	NLNG	599,333
<b>9</b>	SNEPCO	2,357,289
<b>10</b>	SPDC	3,540,331
<b>11</b>	STARDEEP	1,025,486
<b>12</b>	TEPNG	3,806,535
<b>13</b>	TEXACO	40,686
<b>14</b>	TOTAL UPSTREAM	1,410,973
		<b>26,401,513</b>

Source: NEITI –NIMASA Document

## **Appendix 0-30 Basis for Computing Taxes and Fees**

### **BASIS FOR COMPUTING Taxes and Fees**

#### **OIL ROYALTY**

The Petroleum Act and the Petroleum (Drilling and Production) Regulations and its Amendments provide for Oil Royalty

#### **PARAMETERS**

PRODUCTION VOLUME (V)

CRUDE OIL PRICE (P) i.e. Official selling price or the New Fiscal Price

API GRAVITY OF THE OIL (Which relates to the Price, API gravity, is a measure of how heavy or light a petroleum liquid is compared to water: if its API gravity is greater than 10, it is lighter and floats on water; if less than 10, it is heavier and sinks)

ROYALTY RATE (R) (Depending on the terms & Terrain as provided in the Petroleum Drilling & Prod Regulation)

$$\text{OIL ROYALTY} = V \cdot P \cdot R$$

#### **ROYALTY ON GAS SALES**

The Petroleum Act provides for Royalty on Gas Sales

Royalty on Gas Sale refers to the Sum of money paid by a holder of a Concession to the Federation based on the value of the quantity of Gas that is sold from the fields within the Concession in line with the following fiscal terms:

**7% OF GAS SALE (ON SHORE)**

**5% OF GAS SALE (OFFSHORE)**

#### **Parameters**

Royalty Rate

Value of Gas Sold

$$\text{GAS SALES ROYALTY} = R \cdot VGS$$

## **GAS FLARE PAYMENTS**

Associated Gas Re injection Act Provides for Gas Flare Payments:

### **Parameters**

Gas Flare Volume

Penalty Rate----N10/Mscf

Gas Flare Payment = PR\*GFV

## **BASIS OF PETROLEUM PROFIT TAXATION**

Under PPT the revenue from the petroleum won and sold is reduced by tax depreciation (capital allowances) and genuine business expenses (allowable deductions) and the resulting profit is taxed at the applicable PPT rate.

The companies involved in the marketing and sale of petroleum products are not included in this definition - they are taxed under the Companies Income Taxation Act (CITA) of 2004

## **Appendix 0-31 NNPC Crude OSP Methodology**

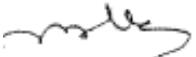


### **NNPC CRUDE OIL OFFICIAL SELLING PRICE (OSP) METHODOLOGY AND ASSUMPTIONS/JUSTIFICATIONS**

NNPC Crude Oil Official Selling Price (OSP) is derived on the following basis and assumptions:

1. The Nigerian Trading cycle range from the last day of NNPC curtailment meeting of the previous month (M-1) to the first day of NNPC curtailment meeting of the current month (M) i.e. 16<sup>th</sup> July 2015 to 18<sup>th</sup> August 2015.
2. Bonny Light, Qua Iboe, Forcados, Agbami, Escravos, Brass, Akpo, Bonga, Amenam, Erha and Zafiro are assessed based on the monthly average of their respective spot differentials based on reported trades of crude cargoes published by Platts, Argus and ICIS- LOR covering the Nigeria trading cycle.
3. Yoho, Pennington Light, EA, Okono blend, Okwori, Okoro, Oyo, Abo, Obe, Antan, Ukpokiti, Ima, Okwuibome and Ebok are assessed based on the monthly average of refinery gate values (RGV) for each grade at a typical North West Europe complex refinery published only by Argus and covering the Nigeria trading cycle .
4. Below is the basis for the final assessment.
  - a) Bonny Light is priced using Platts, Argus and ICIS- LOR average because it is assessed by these three publications.
  - b) Qua Iboe is priced using Platts, Argus and ICIS- LOR average because it is assessed by these three publications.
  - c) Escravos is priced using Platts, ICIS and Argus average because it is assessed by these three publications.
  - d) Brass Blend is priced using Platts and Argus average because it is assessed by these three publications.
  - e) Forcados is priced using Platts and Argus average because it is assessed by these three publications.
  - f) Amenam is priced using Argus because it is assessed by only Argus.
  - g) Bonga is priced using Platts and Argus because it is assessed only by these two publications.

- h) Erha is priced using Platts, Argus and ICIS- LOR average because it is assessed by these three publications.
  - i) Agbami is priced using Platts, ICIS and Argus average because it is assessed by these three publications.
  - j) Akpo is priced using Platts because it is assessed by only Platts.
  - k) Zafiro is priced using Argus because it is assessed by only Argus.
  - l) Usan is priced using Platts and Argus because it is assessed only by these two publications.
  - m) Yoho, Pennington Light, EA, Okono blend, Okwori, Okoro, Oyo, Aba, Obe, Antan, Ukpokiti, Ima, Okwuibome and Ebok is priced using Argus West Africa Oil report because it is assessed by only Argus.
5. Market price re-alignment factor may be applied across all the crude grades considering the following factors:
- i) The existence of a depressed market situation;
  - ii) The quantum of overhang Nigerian cargoes in the International market.



M.K. KYARI

Group General Manager  
Crude Oil Marketing Division

### Appendix 0-32 Breakdown of SPDC Remittance to NNPC

Period	Remittances to NNPC					
	Ullage			FI Doc. No	Pymt Ref	Pymt Date
	N'000	Rate	USD'000			
<b>Aug-13</b>	479,698.63	163.59	2,932.30	1900223362	2000858164	Monday, March 10, 2014
<b>Apr-14</b>	205,771.90	163.59	1,257.84	1900236931	2000894085	Thursday, June 26, 2014
<b>Nov-13</b>	74,254.61	163.59	453.90	1900228731	2000897630	Tuesday, July 01, 2014
<b>Dec-13</b>	93,592.59	163.59	572.11	1900230557	2000900989	Tuesday, July 15, 2014
<b>Jun-13</b>	453,675.77	163.59	2,773.23	1900219957	2000906606	Tuesday, August 12, 2014
<b>Oct-13</b>	57,958.90	163.59	354.29	1900227379	2000906606	Tuesday, August 12, 2014
<b>Aug-14</b>	159,559.95	163.59	975.36	1900243556	2000920686	Friday, October 17, 2014
<b>Total A</b>	<b>1,524,512.35</b>		<b>9,319.04</b>			
		<b>USD'000</b>				
<b>Nov-13</b>	1,546.36	-	1,546.36	1900229700	2000848720	Friday, January 31, 2014
<b>Dec-13</b>	2,410.44	-	2,410.44	1900230552	2000848720	Friday, January 31, 2014
<b>Jan-14</b>	388.44	-	388.44	1900232759	2000858165	Monday, March 10, 2014
<b>Aug-13</b>	1,722.88	-	1,722.88	1900223368	2000858165	Monday, March 10, 2014
<b>Oct-13</b>	1,629.05	-	1,629.05	1900227373	2000858165	Monday, March 10, 2014
<b>Feb-14</b>	456.37	-	456.37	1900233614	2000871210	Wednesday, April 09, 2014
<b>Mar-14</b>	1,342.24	-	1,342.24	1900235428	2000892732	Tuesday, June 17, 2014
<b>Apr-14</b>	514.11	-	514.11	1900236927	2000892732	Tuesday, June 17, 2014
<b>May-14</b>	5,292.05	-	5,292.05	1900238605	2000894086	Thursday, June 26, 2014
<b>May-13</b>	2,428.52	-	2,428.52	1900218157	2000897631	Tuesday, July 01, 2014
<b>Total B</b>	<b>17,730.46</b>		<b>17,730.46</b>			
<b>Grand Total A+B</b>			<b>27,049.50</b>			

## **Appendix 0-33 Process Audit Methodology**

List of information requirements was developed with the objective of getting responses relating to the Physical and Process information as it relates to production for each of the entities.

Interviews were also held with the relevant department of the entity as well as the review of presentation of provided documents

### **Process Requirement List for Entities**

1. Process flow diagram for your activities relating to the production to sales cycle/lifting cycle
2. Organogram that captures the various functions the plays a role in the process above
3. Procedure used by your company in contending production entitlement/liftings
4. Procedure used in reconciling total production with total lifting by relevant parties
5. The procedures used by paying entities for determining the timing of payment
6. The procedures used by paying entities for determining the amount of payment
7. The procedures used by receiving entities for tracking the identities of the payer and to what the payment related pertains
8. The procedures used by the receiving entities for confirming whether the amount was correct
9. The procedures used by either entity for confirming that their respective records of mutual payments and receipts are consistent
10. Policy and procedural manuals for the various stages and related responsibility profiles for the process including related organograms and relevant contract sections detailing contractual arrangement thereof relating to any 3rd party arrangements within or contained in the process flow.
11. Policy and procedure manuals for the production to financial flows processes including GGF, product handling and storage, measurement, reporting, reconciliation, calculations for variances/losses/gains etc
12. Governance policies and procedures relating to the specific objectives of the process audit
13. HSE policy and procedure manual as it relates to production
14. All contracts and agreements relating to your PSC or JVs as the case may be
15. Any other agreement involving 3<sup>rd</sup> parties

### **Process Requirement to DPR**

1. Confirmation and evidence to show in agreement where sub-parties not mentioned in NNPC agreement are entitled to lift from the terminals.
2. Presentation on the overview of DPR activities in the oil and gas industry.
3. A process flow diagram for DPR activities relating to the production to sales cycle/lifting cycle – for the following areas planning, upstream and downstream monitoring and regulation respectively, gas monitoring and regulation, engineering and standard.
4. Processes with entities on payment:

- the procedures used by DPR entities for tracking the identity of the payer and to what the payment related pertained;
- The procedures used by DPR entities for confirming whether the amount was correct;
- The procedures used by either entity for confirming that their respective records of mutual payments and receipts are consistent.

5. Processes involving Oil bid allocation:

- Procedure adopted in allocating Oil Blocks to operators
- Procedures applied in licence allocation
- Internal Instruction on the conduct of bids
- Records of proceedings, minutes of relevant committee & any Government discussions (if any)
- Explanation of Rationale or justification for decision
- Procedure for conducting bid rounds that took place in 2014
- Processes & procedure for;
  - calculating financial transaction
  - Recording financial transactions
  - Settling financial transactions with entities

6. Procedures operated by DPR

- Ensuring that Nigeria receives the Royalty to which it is entitled under law;
- Controlling the calculation of royalty payable;
- Controlling that Royalty payments are made when due; and actions taken when payments are not made when due.

7. Map showing the locations of the various Oil blocs

8. And the following requirements as obtained from the TOR

- A comprehensive listing of operators that produced oil or gas at any time within the period, detailing (for each):
  - Name of field
  - OPL / OML reference
- Contractual arrangements on each field
- Signature bonuses offered by each bidder
- Ownership structure including list of investors with a minimum of 5% shareholding
- Details of licensing process for acquisition of each OPL/OML including the level of compliance with the process.
- All payments committed (including schedule for payment) by winners of any block

- The amounts received from each company in respect of each block
- Amounts considered by DPR to be due as at 31<sup>st</sup> December 2014 but not paid as at that date.
- Highlight any lapses and special concessions granted in the process and any provided recommendations.

### **Production Arrangement**

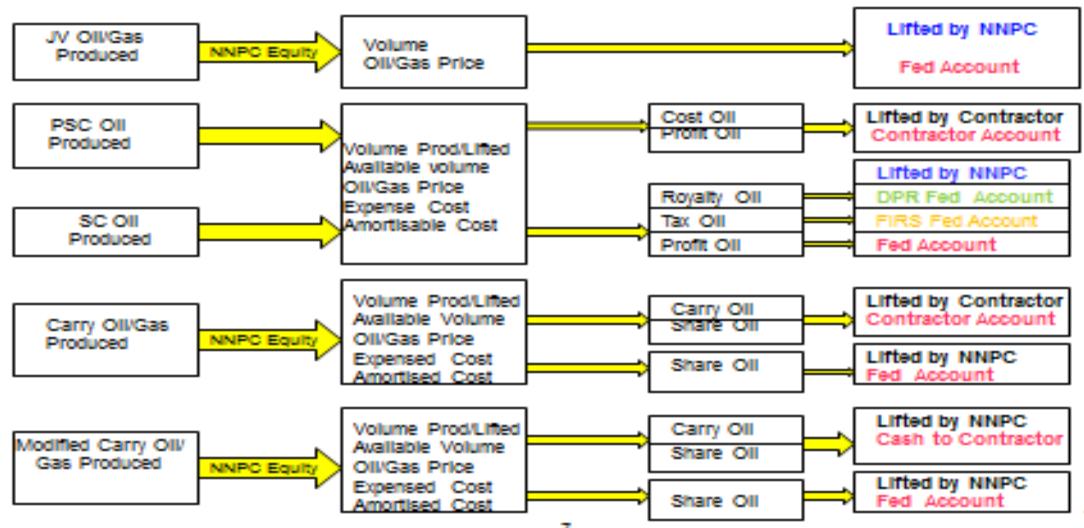
- Production of each operation (broken down to the level of each field) according to DPR records for each month in the period
- A concise statement of the definition of “production” used by DPR in preparing the foregoing analysis.
- For each operating company and corroborated by NNPC and DPR: relevant maps, diagrams and statistics on changes to the pipeline and terminal network on-shore and off-shore and the Consultant shall update material from previous audits.
- For each company, DPR, and NNPC NAPIMS: Comprehensive information on the arrangements between companies interested in each field and license area that impact on the sharing of production, including JV shares, PSC arrangements, unitization, carry agreements, alternative finance agreements etc, such as to enable the Consultant to verify the Operator’s calculations of the way in which production has been shared to each interested company and in particular to the Government. Each operator and relevant covered entity shall provide the requisite monthly calculations to the Consultant.

### **Challenges and Issues**

Most of the entities were not prepared for the process and physical audit. A lot of entities stalled on providing the required information. Most of them claimed not aware of the existence of physical and process part of the engagement. There was an excessive use and application of confidentiality by some of the entities which unnecessarily frustrates the exercise.

Appendix 0-34 NNPC Program Allocation Lifting

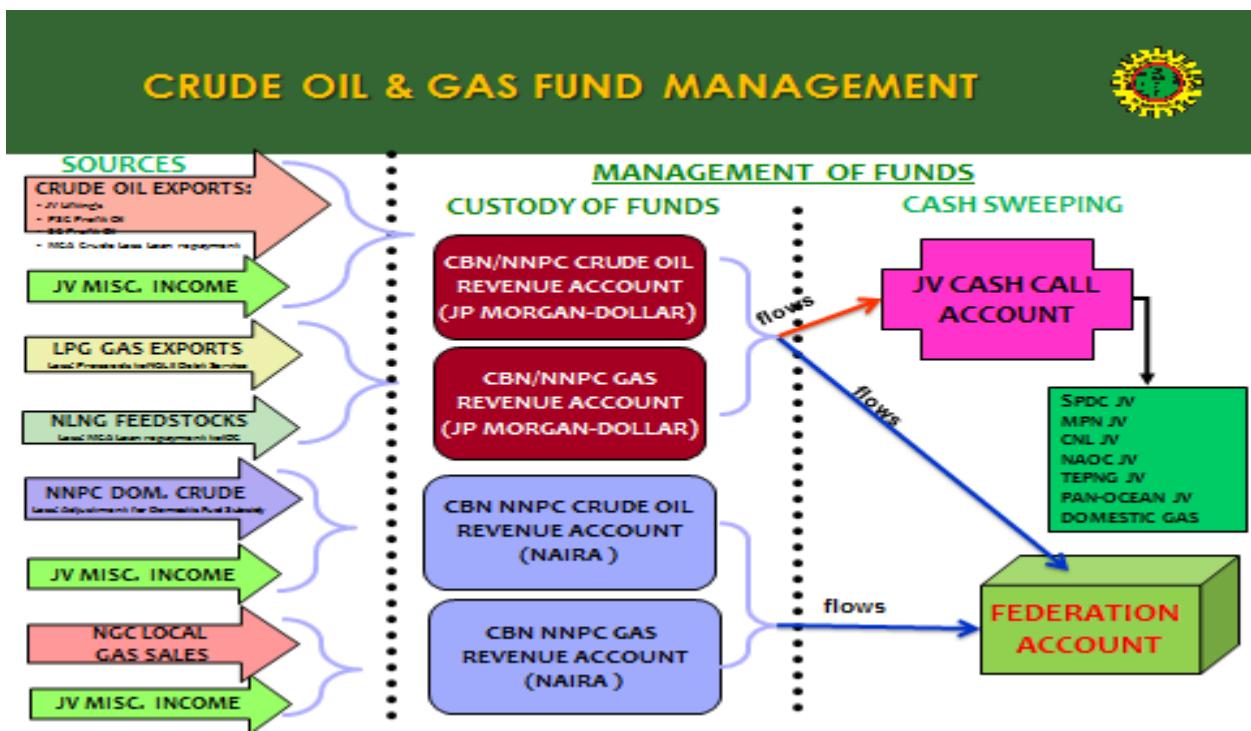
## Program Allocations and Lifting

7



## Appendix 0-35 Crude Oil & Gas Fund Management



## **Appendix 0-36 Scope of the work Hydrocarbon Exploitation and Allocation**

This review describes the various processes and related issues for Hydrocarbon Exploitation and Allocation (HECA) in the Nigerian Oil and Gas industry. In so doing, it is hoped that this document will drive the adoption of the following in the industry to reduce error rates and significant financial risks, and enhance transparency.

1. Consistent roles and responsibilities globally
2. Sharing of best practices
3. Global support and training.

The process review had as part of its objective the determination and definition of the following:

- Metering
- Sampling and analysis
- Tank gauging
- Volume correction
- Allocation methods
- Contracts
- Uncertainty in the process flows, including sources of uncertainty
- Required accuracy of metering and value of data
- Attempt to obtain a general methodology to review allocation models.

The assessment covered metering and allocation models, recording, allocation, reconciliation and reporting of produced and injected volumes. It also considered and based its implementation on the principle of volumetric mass or compositional measurements of the contributing streams and related contractual arrangements in the allocation, recording and reporting of volumes of all phases (oil, gas and water) for:

- Production from reservoirs
- Injection into reservoirs
- Supplies from third parties
- Sales to third parties.
- Volumes that are recycled, e.g. gas lift volumes, volumes for own use, e.g. compressors, volumes flared and volumes disposed of, line packing, etc.

It noted the utilization and application of data for:

- Correcting volumes to standard conditions (pressures, temperatures, correction factors)
- Validation (operating parameters such FTHP, choke size, pump speed, even some chemical injection rates)

- Deferment administration (times, volumes, codes)
- Reporting only (plan data, people on board, chemical usage, annulus pressures).

## **Appendix 0-37 Changes from the 2013 Standard**

### **Changes from the EITI 2013 standard**

On Tuesday 23 February, the EITI Board today approved the 2016 EITI Standard, coming into immediate effect. *"This 2016 EITI Standard encourages countries to make use of existing reporting systems for EITI data collection and make the results transparent at source, rather than duplicating this exercise through EITI reporting. I am confident that this will make EITI data more timely, reliable and useful, and the EITI process more cost effective and efficient"* - EITI Chair Clare Short.

Countries that have strong systems will now be able to mainstream transparency in Government portals, webpages and systems rather than reproduce the data in EITI Reporting. This should make implementation more sustainable and increase Government ownership. In these countries, EITI Reports will continue to play an important role in analysing and communicating the data to the wider public.

### **Identifying who owns the companies**

The most groundbreaking aspect of the 2016 EITI Standard is that the identity of those that own and profit from extractive activities must now be disclosed. All countries must ensure that the companies that bid for, operate or invest in extractive projects declare who their beneficial owners are. The requirement will take effect as of 1 January 2020, giving countries some time to undertake the necessary preparations.

*"Beneficial ownership information enables Nigerians to expose corruption and nepotism in the acquisition process. Besides asking companies to voluntarily disclose information on their ownership structure, including any politically exposed persons, going forward NEITI has also put into effect a mechanism that would enable it capture ownership of divested wells, licence-holders, leaseholders and companies bidding for extractive industry contracts. In short, beneficial ownership in the extractives sector in Nigeria begins to scratch where it itches"*, said the Nigeria EITI Secretariat about the new beneficial ownership requirements.

### **Enabling continuous progress**

The EITI's quality assurance mechanism, Validation, which checks whether countries are adhering to the EITI Requirements, has also been refined in the 2016 EITI Standard. Although the bar for achieving compliance has not changed, the assessment will to a greater extent take into account the diversity in implementing country membership, recognize efforts to go beyond the minimum requirements and incentivize continuous improvements in implementation.

Other changes to the EITI Standard includes a greater focus on ensuring that recommendations from EITI Reports are considered and followed up by Governments and multi-stakeholder groups so that necessary reforms in sector management take place. The 2016 EITI Standard also includes other minor revisions aimed at clarifying ambiguities and addressing inconsistencies.

## **Appendix 0-38 Measurements Practices**

### **Own Usage Production/Transport/Storage Losses**

DPR discourages and does not permit any of the above. However the companies are allowed to use part of the produced gas to run their turbine generators.

### **Unaccounted Oil**

This may come under unrecovered spilled crude oil that could not be estimated. Spilled crude oil quantity resulting from equipment failure can easily be estimated whether recovered or not. However, crude oil spills arising from acts of sabotage/ vandalism are often difficult to estimate. This is however limited to the point in the flow and measurement process at which the act is carried out.

### **Exports**

Export crude oil quantity determination is either by metering (which is now the primary method) or by static method which involves fiscalisation and defiscalisation of the storage tanks designated for the crude oil export operations.

### **Gas Production.**

Gas meter is used on the test separator to establish the well's producibility. Gas meter is used on the process separator to determine the daily cumulative production.

### **Gas Flaring**

Flow meters (UFM) are generally used to measure gas flares. Other methods are flare figures based on estimates of computation.

### **Gas Utilisation**

According to OPEC Nigeria has proven gas reserves estimated to be around 5,324.0 bn standard cu m making it the ninth largest reserves in the world<sup>1</sup>. A decree was issued by the Nigerian Government to stop the flaring of natural gas in hydrocarbon exploration and production (E&P) activities by 2008 all in an effort to realise commercial benefits from the nation's huge gas reserves. However due to several factors mitigating against this investment ideas by the Government, this deadline date has far expired but huge volumes of gas are still been flared (World Energy, 2004). The Natural gas available in Nigeria could either be associated or non-associated. Non-associated natural gas is found in reservoirs containing no oil (dry wells). Associated gas, on the other hand, is present in contact with and/or dissolved in crude oil and is coproduced with it and consists primarily of methane. Higher molecular weight paraffinic hydrocarbons (C2-C7) are usually present in smaller amounts with the natural gas mixture, and their ratios vary considerably from one gas field to another. Non-associated gas normally

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<sup>1</sup> OPEC Annual Statistical Bulletin (2016)

contains a higher methane ratio than associated gas, while the latter contains a higher ratio of heavier hydrocarbons (Matar and Hatch, 1994).

Natural gas utilization entails devising a strategy for converting natural gas from the production field to several options for economic benefits in terms of money and the environment. Gas utilization entails putting natural gas, which has severally been regarded as a waste in Nigeria, into economic and environment use. The utilization options employed worldwide includes; Pipeline Transportation; This approach to utilizing gas has been in existence for long and still remains a significant mechanism for gas transportation to markets. Existing routes in Nigeria include the West African Gas Pipeline, WAGP and the Trans Saharan Gas Network, TSGP. HVDC Light; Gas-to-wire project under which gas is used to generate electricity, then converted to High Voltage Direct Current for long distance transmission to the market (Vergheese, 2003). Compressed Natural Gas, CNG; CNG can be made by compressing natural gas (which is mainly composed of methane), to less than 1% of the volume it occupies at standard atmospheric pressure. It is stored and distributed in hard containers at a pressure of 200- 248 bar, usually in cylindrical or spherical containers (Wikipedia,2010).

Hydrate Transportation; A new technology which involves conversion of natural gas to hydrates before transporting to markets (Vergheese, 2003). Liquefied Natural Gas, LNG; LNG is natural gas that has been cooled to the point that it condenses to a liquid, which occurs at a temperature of about -256o F (-161oC) at atmospheric pressure. Liquefaction reduces the volume of gas by as much as 600 times thus making it more economical to store natural gas where other forms of storage do not exist, and to transport gas over long distances for which pipelines are too expensive or other constraints exist (CEE, 2006). Gas to Liquid, GTL; Gas to liquids (GTL) is a refinery process to convert natural gas or other gaseous hydrocarbons into longer-chain hydrocarbons such as gasoline or diesel fuel (Wikipedia, 2010). GTL technology generally refers to the chemical conversion of natural gas into readily transportable liquids such as methanol or conventional petroleum refinery type distillate fuels (Chinenye et al, 2007). Methane-rich gases are converted into liquid synthetic fuels either via direct conversion or via syngas as an intermediate, for example using the Fischer Tropsch or Mobil processes. It is an emerging technology which involve chemical transformation of natural gas, either into synthetic fuels (syncrude, diesel, kerosene, etc) or chemicals (methanol, DME, etc) (Balogun and Onyekonwu, 2009).

Enhanced Oil Recovery, EOR; EOR is the third stage of hydrocarbon production proceeding primary and secondary recovery, during which sophisticated techniques that alter the original properties of the oil are used. Enhanced oil recovery can begin after a secondary recovery process or at any time during the productive life of an oil reservoir. Its purpose is not only to restore formation pressure, but also to improve oil displacement or fluid flow in the reservoir (Schlumberger, 2010).

Some EOR processes utilize natural gas for enhanced recovery of oil, e.g. miscible gas injection. Natural Gas liquids, NGL; Generally such liquids consist of propane and heavier hydrocarbons and are commonly referred to as lease condensate, natural gasoline, and liquefied petroleum gases.(EIA, 2010).When a wet gas gets to the surface, it forms a liquid which constitute the NGL (Oligney and Economides, 2002). Liquefied Petroleum Gas, LPG; LPG has long been confused with propane. But it is in fact predominantly a mixture of propane and butane in a liquid state at room temperatures when under moderate

pressures of less than 200 psig (CEE, 2006). Underground Storage; This is another utilization option when natural gas utility is to be deferred for future use by injecting into underground storages. This gas resource can be accessed for later use when it is convenient (Atoyebi, 2010)

Major parameters that play a role in the screening of gas utilization options include:

- Gas-field size
- Product market size
- World-scale plant size
- Maturity of technology
- Capital cost
- Product prices

## **Specific strategies adopted in Nigeria**

### **Gas lift**

Gas lift is a direct "artificial" lift production-support method; if it shuts down, production stops immediately. It may be required at a later stage in the reservoir lifetime when it stops to produce naturally under reservoir pressure. Many flow assurance parameters affect the need and use of gas lift. It occurs through the production wells. Compressed gas is injected down the casing of a production well and spreads through the well at various depths through gas lift valves. The gas forms bubbles, which reduces the hydrostatic pressure of the fluid column, allowing the reservoir liquids to flow to the surface at a higher flow rate. The gas-lift valve position, operating pressures, and gas injection rates are determined by specific well conditions. A new class of revolutionary artificial gas-lift equipment that is powered by the heat energy in the earth (geothermal renewable energy) that can dramatically increase production and reduce costs as no electrical power is needed to drive the heat powered submersible tool is now available commercially.

### **Gas Injection**

Gas injection is an Enhanced Oil Recovery method, which involves injecting gas, most commonly carbon dioxide or nitrogen, through an injection well to sweep the formation for remaining oil. It is considered a tertiary recovery method. It is a "supplementary" drive that is meant to enhance the recovery of the reserve by maintaining reservoir pressure against the drop due to reservoir depletion after some years in production. If gas injection shuts down, production can continue although ultimate reserves recovery will be less than with gas injection. Gas injection can work with both "natural" and "Artificial" lift. Gas injection need special reservoir geology (limited permeability formation) to be effective.

Gas injection projects are undertaken when and where there is a readily available supply of gas. This gas supply typically comes from produced solution gas or gas-cap, gas produced from a deeper gas-filled reservoir, or gas from a relatively close gas field. Such projects take a variety of forms, including the following:

- Reinjection of produced gas into existing gas caps overlying producing oil columns.
- Injection into oil reservoirs of separated produced gas for pressure maintenance, for gas storage, or as required by Government regulations.
- Gas injection to prevent migration of oil into a gas cap because of a natural waterdrive, downdip water injection, or both.
- Gas injection to increase recoveries from reservoirs containing volatile, high-shrinkage oils and into gas-cap reservoirs containing retrograde gas condensate.
- Gas injection into very undersaturated oil reservoirs for the purpose of swelling the oil and hence increasing oil recovery.

The primary physical mechanisms that occur as a result of gas injection are:

- Partial or complete maintenance of reservoir pressure
- Displacement of oil by gas both horizontally and vertically
- Vaporization of the liquid hydrocarbon components from the oil column and possibly from the gas cap if retrograde condensation has occurred or if the original gas cap contains a relict oil saturation
- Swelling of the oil if the oil at original reservoir conditions was very undersaturated with gas

Gas injection is particularly effective in high-relief reservoirs where the process is called "gravity drainage" because the vertical/gravity aspects increase the efficiency of the process and enhance recovery of updip oil residing above the uppermost oil-zone perforations.

### **Gas re-injection**

Gas reinjection is the reinjection of natural gas into an underground reservoir, typically one already containing both natural gas and crude oil, in order to increase the pressure within the reservoir and thus induce the flow of crude oil or else sequester gas that cannot be exported. This is not to be confused with gas lift, where gas is injected into the annulus of the well rather than the reservoir. After the crude has been pumped out, the natural gas is once again recovered. Since many of the wells found around the world contain heavy crude, this process increases their production. The basic difference between light crude and heavy crude is its viscosity and pumpability - the lighter the crude the easier it is to pump. Recovery of hydrocarbons in a well is generally limited to 50% (heavy crudes) and 75-80% (light crudes). Recycling of natural gas or other inert gases causes the pressure to rise in the well, thus causing more gas molecules to dissolve in the oil lowering its viscosity and thereby increasing the well's output. Air is not suitable for repressuring wells because it tends to cause deterioration of the oil, thus carbon dioxide or natural gas is used to repressure the well. The term 'gas-reinjection' is also sometimes referred to as repressuring--the term being used only to imply that the pressure inside the well is being increased to aid recovery.

Injection or reinjection of carbon dioxide also takes place in order to reduce the emission of CO<sub>2</sub> into the atmosphere, a form of carbon sequestration. This has been proposed as a method to combat climate change, allowing mass storage of CO<sub>2</sub> over a geological timescale. Reinjection of carbon

dioxide in the Norwegian Sleipner gas field saves the operators 1 million Norwegian Kroners per day in national carbon taxes.

### **Gas to power – internal and external (sales)**

Gas-to-wire project under which gas is used to generate electricity, either for use within the production facilities, or then converted to High Voltage Direct Current for long distance transmission to the market

Current technologies are fundamentally needed for monetizing stranded gas, and assessment of Nigeria's achievements in monetizing stranded natural gas reserves. The monetization technologies and projects reviewed are liquefied natural gas (LNG), gas-to-liquids (GTL), compressed natural gas (CNG), gas-to-wire (gas-fired power generation), and gas-to-solid.

Some common gas utilization options are listed below:

- Pipelines
- Compressed natural gas (CNG)
- Liquified natural gas (LNG)
- Gas to ammonia and urea
- Gas to liquids - Fischer Tropsch route
- Gas to methanol
- Gas to power

### **Gas pipelines**

A vast fraction of the world's gas is brought to the market through pipelines. Several large pipeline projects are currently being evaluated. Pipelines can be over land or under water. Underwater pipelines have been used in the North Sea. However, water depth is a critical parameter that poses difficult challenges. When considering the pipeline option, factors such as:

- Distance
- Throughput capacity
- Compressor-station requirements
- Pipeline size
- Water depth
- Topographical profiles have to be considered in the economic analysis

### **Compressed natural gas (CNG)**

Compressed natural gas (CNG) transportation is used in very small systems in environmentally sensitive areas. Trucks, ships, or barges transport the gas from a remote well to a pipeline or from a pipeline to a customer location. Sometimes the gas is transported to remote filling stations for CNG-fueled vehicles. Large-scale transportation of CNG is not yet commercialized but is considered economically feasible and is being pursued actively by several companies.

## **Liquified Natural gas (LNG)**

Liquified natural gas (LNG) is the liquid form of natural gas at cryogenic temperature of  $-265^{\circ}\text{F}$  ( $-160^{\circ}\text{C}$ ). When natural gas is turned into LNG, its volume shrinks by a factor of approximately 600. This reduction in volume enables the gas to be transported economically over long distances.

## **Gas as fertilizer feedstock**

Natural gas is a key source of fertilizers in the form of ammonia and urea.

## **Gas to liquids (GTL)**

Converting gas to liquids (GTL) through the Fischer-Tropsch (FT) route to monetize stranded gas has received increasing attention over the past few years. FT technology is a process that rearranges carbon and hydrogen molecules in a manner that produces a liquid, heavier hydrocarbon molecule.

In general, GTL through the FT route refers to technology for the conversion of natural gas to liquid; however, GTL is a generic term applicable to any hydrocarbon feedstock. This page focuses on GTL processes based on natural gas feedstock. The FT GTL process produces petroleum products such as:

- Naphtha
- Kerosene
- Diesel
- Lubricants
- Solvents
- Waxes
- Other specialty products

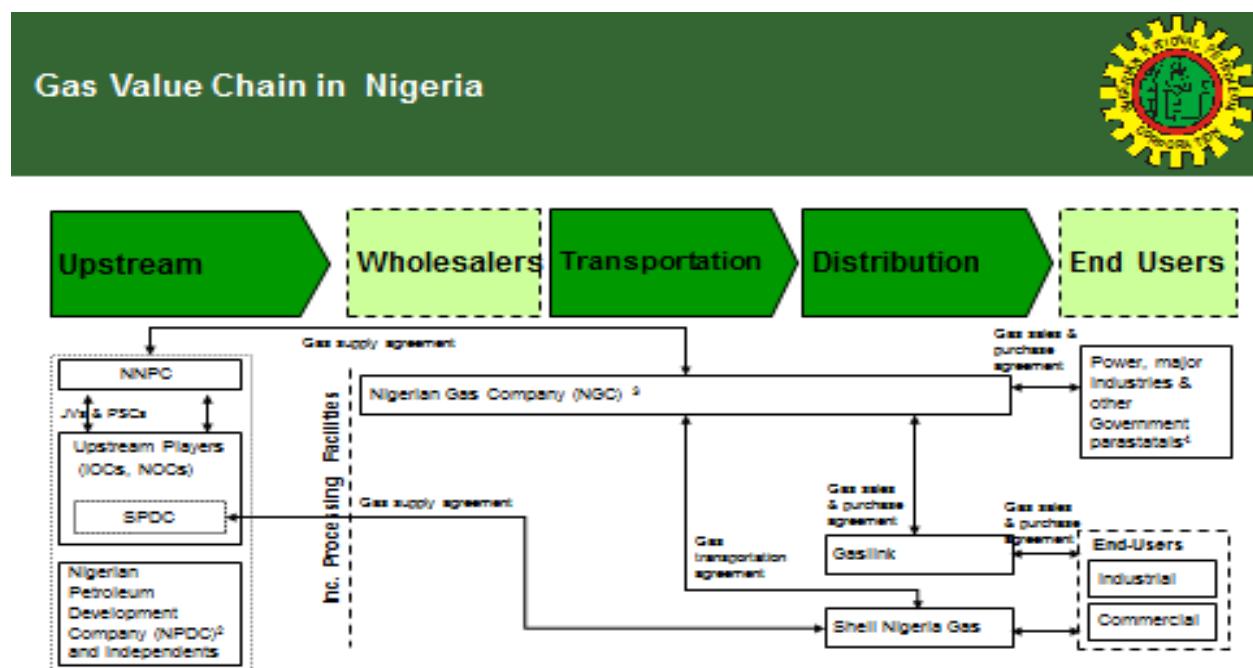
## **Gas to methanol**

Natural gas is the feedstock used in most of the world's production of methanol. Methanol is a primary liquid petrochemical made from renewable and nonrenewable fossil fuels containing carbon and hydrogen. Containing one carbon atom, methanol is the simplest alcohol. It is a colorless, tasteless liquid and is commonly known as "wood alcohol."

Stranded gas can be monetized by producing chemical (or fuel grade) methanol and transporting it to the market. Since the 1980s, there has been a significant change in the way the methanol market has worked. Remote producers of methanol have begun to gain market share over long-established production sites close to the customers. Gas economics has been the driving force behind these changes. As gas demand has risen, the methanol producers in North America and Europe have been squeezed out. Because methanol can be transported easily, methanol production has moved to remote locations where gas is cheaper.

## Gas to power

One of the options for gas monetization is gas to power (GTP), sometimes called gas to wire (GTW). Electric power can be an intermediate product, such as in the case of mineral refining in which electricity is used to refine bauxite into aluminum; or it can be an end product that is distributed into a large utility power grid. This page focuses on electricity as the end product. The primary issues related to GTP are the relative positions of the resource and the end market and transmission methods. The scale or volume of gas and/or power to be transported influences each of these issues.



<sup>1</sup> Currently, NGC is the single buyer of gas from upstream producers to supply the domestic market.

<sup>2</sup> NPDC is the Nigerian Petroleum Development Company and is a wholly owned subsidiary of NNPC.

<sup>3</sup> NGC is 100% owned by NNPC and owns the only high pressure transportation network in Nigeria, as well as some low pressure distribution networks.

<sup>4</sup> Government parastatals like National Fertilizer Company of Nigeria (NAFCON), Alajo steel company (ALSOON) & Ajakuta steel Company (ASC) & major Industries like Dangote Cement & PZ Industries get supplied directly by NGC.

## Appendix 0-39 Industry Assessment

This represents a presentation of information on the processes as given by various entities and agencies within the Oil and Gas Industry that provided adequate information to enable the capture of their processes.

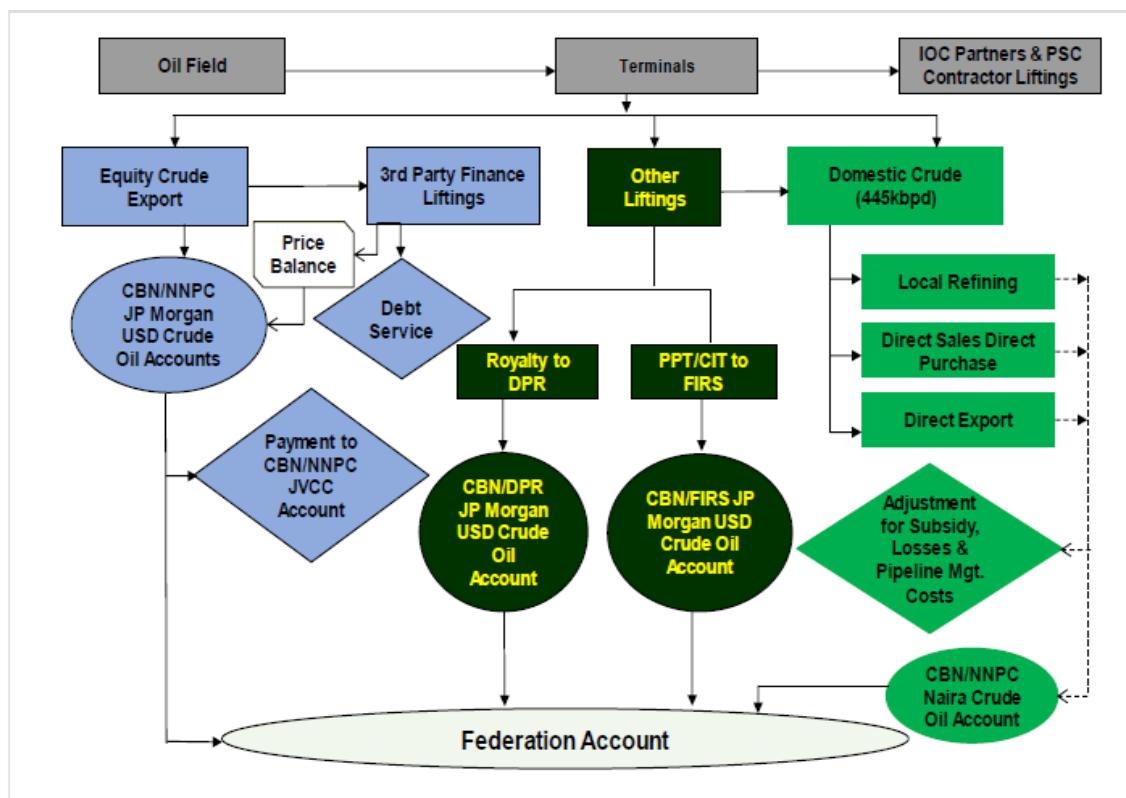
### Nigeria National Petroleum Corporation (NNPC)

Federation Crude Oil and Gas lifting are broadly classified into Equity Export Crude and Domestic Crude. Both categories are lifted and marketed by NNPC and the proceeds remitted to the Federation Account. Equity Export receipts, after adjusting for Joint Venture (JV) Cash Calls, are paid directly into JP Morgan Account operated by Central Bank of Nigeria (CBN). Domestic Crude Oil of 445,000bpd is allocated for Refining to meet domestic products supply. Payments are effected to Federation Account by NNPC after adjusting crude & product losses and pipeline repairs & management cost incurred during the period.

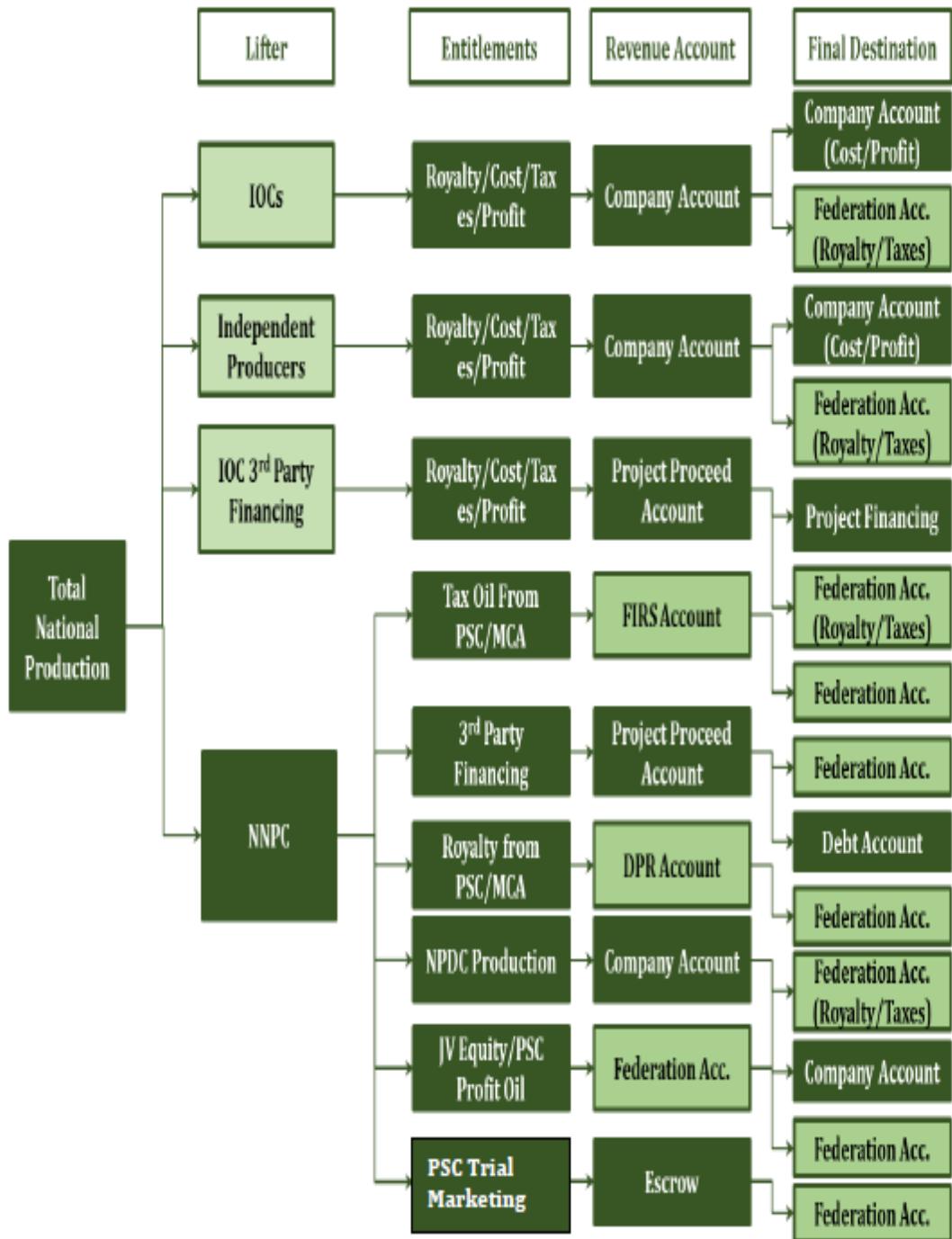
#### Flow of Oil Revenue into Federation Account

NNPC also lift Crude Oil and Gas, other than Equity and Domestic Crude Oil, on behalf of DPR and FIRS proceeds of which are remitted into Federation Account.

The Third Party finance lifting are Crude Oil and Gas from fields that are financed using alternative finance/loan facility which require the servicing of debt obligations before remitting the balance to Federation Account as Price Balance as shown below:



The Summary of Oil & Gas Sales and Inflow to Federation Account can be depicted as follows:



### ***NNPC-Crude Oil Marketing Division (COMD)***

Four departments operate under the COMD

- Crude Oil Stock Management (COSM): which handles crude oil stock as it relates to what is available to be lifted. The department holds monthly meetings with oil companies where they will decide on quantity to be lifted by the companies. COSM also determines what the profit oil and tax oil would be.
- Shipping and terminal: handles shipping and lifting of the crude, they program when vessels is coming.
- Commercial Department: the commercial department agrees the term contract with customers which could span 12 months. The department uses the base price to determine the Letter of Credit Value, usually stated in the agreement.
- Finance and Account: which takes responsibility once payment is made i.e. sales, insurance etc. and at the end of each month, they make presentation to FAAC.

### **Other NNPC Units**

#### ***NNPC – Group Treasury***

The proceeds from the crude sales done by COMD comes to the Group Treasury Department of NNPC. The group treasury has four accounts with the CBN, two are for crude oil sales (Naira and Dollar) while the other two are for gas sales (Naira and Dollar).

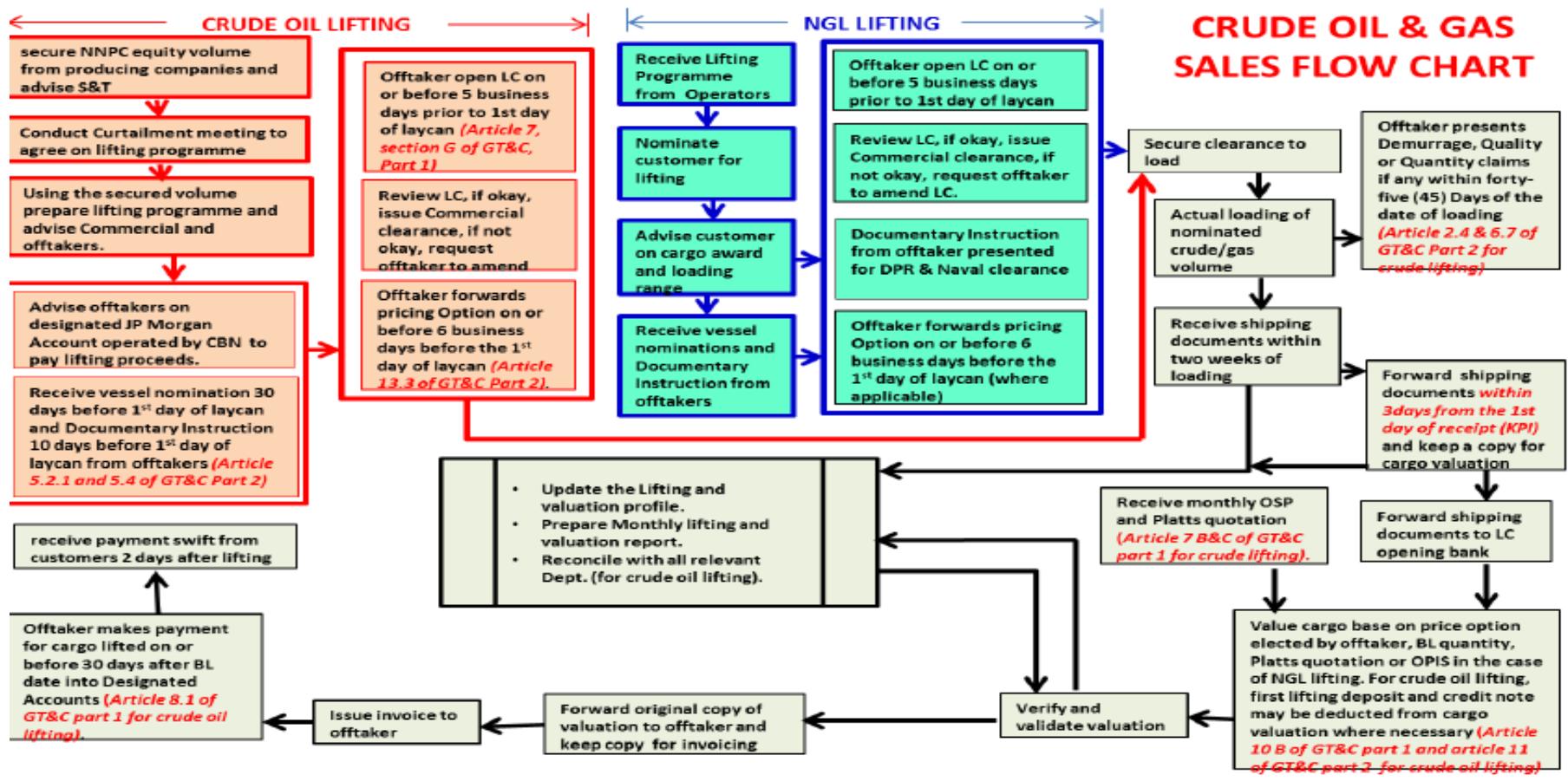
At the end of every month, they get the statement of account form CBN while also getting the payment information (those who paid) from COMD.

#### ***NNPC – Finance and Debt***

Handles the movement of payments made into CBN account and splits it into either federation account or JV cash call. JV cash call indicates federation contribution to the Joint Venture. The amount to be remitted is usually stated in the national budget i.e. cost of production which is first line charge to the federation account. The balance is thereafter sent to the federation account.

## Relationship between COMD and Other Divisions

# Crude Oil and NGLs Sales Procedure



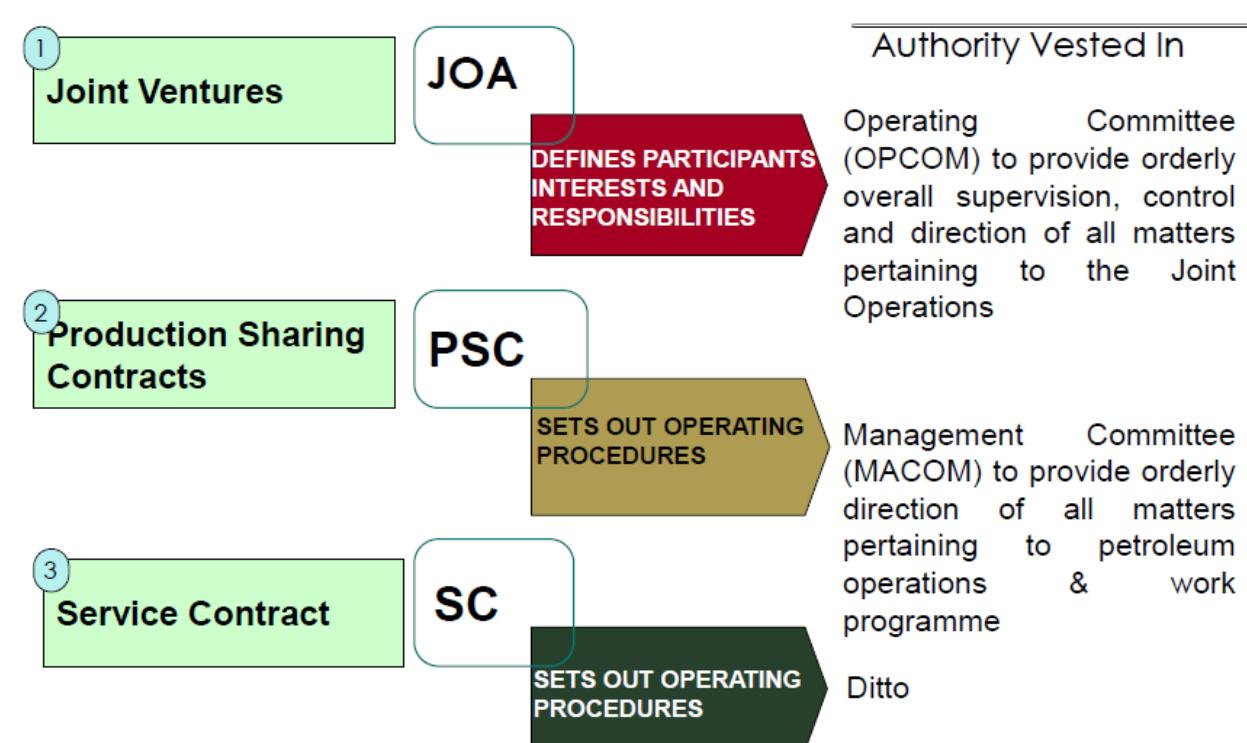
## Appendix 0-40 NAPIMS Related Diagrams and Flows

### NNPC and Subsidiaries

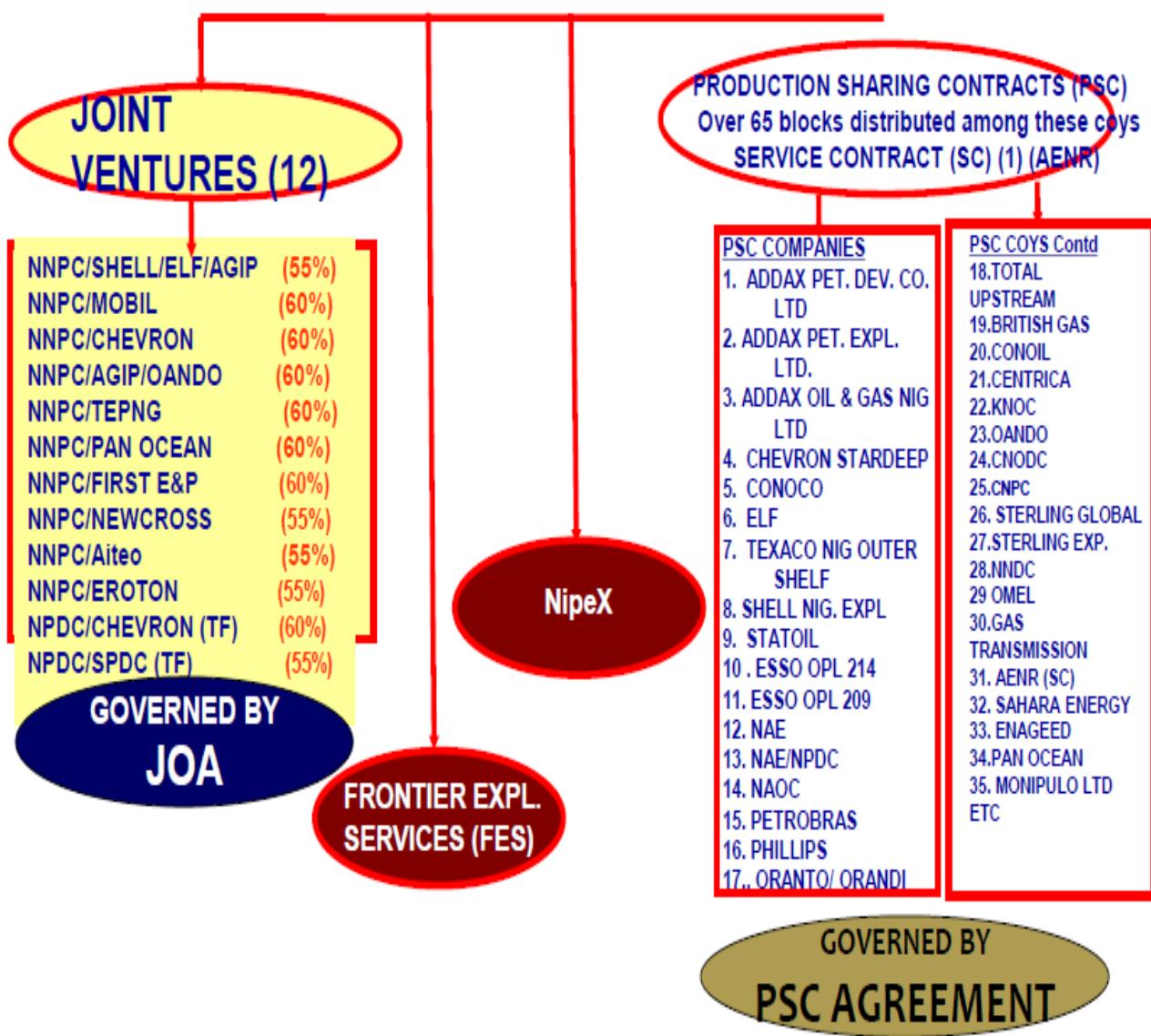
#### National Petroleum Investment and Management Services (NAPIMS)

The National Petroleum Investment and Management Services (NAPIMS) has the responsibility of maximizing the economic development of Hydrocarbon resources. The functions of ensuring optimum management of Government assets within the JV and PSC portfolios, efficient deployment of resources for low cost operation with a view of yielding optimum revenue for Government and the actualization of Government agenda in the operations of JV/PSC assets

#### The Business Arrangements and their Governance Structure



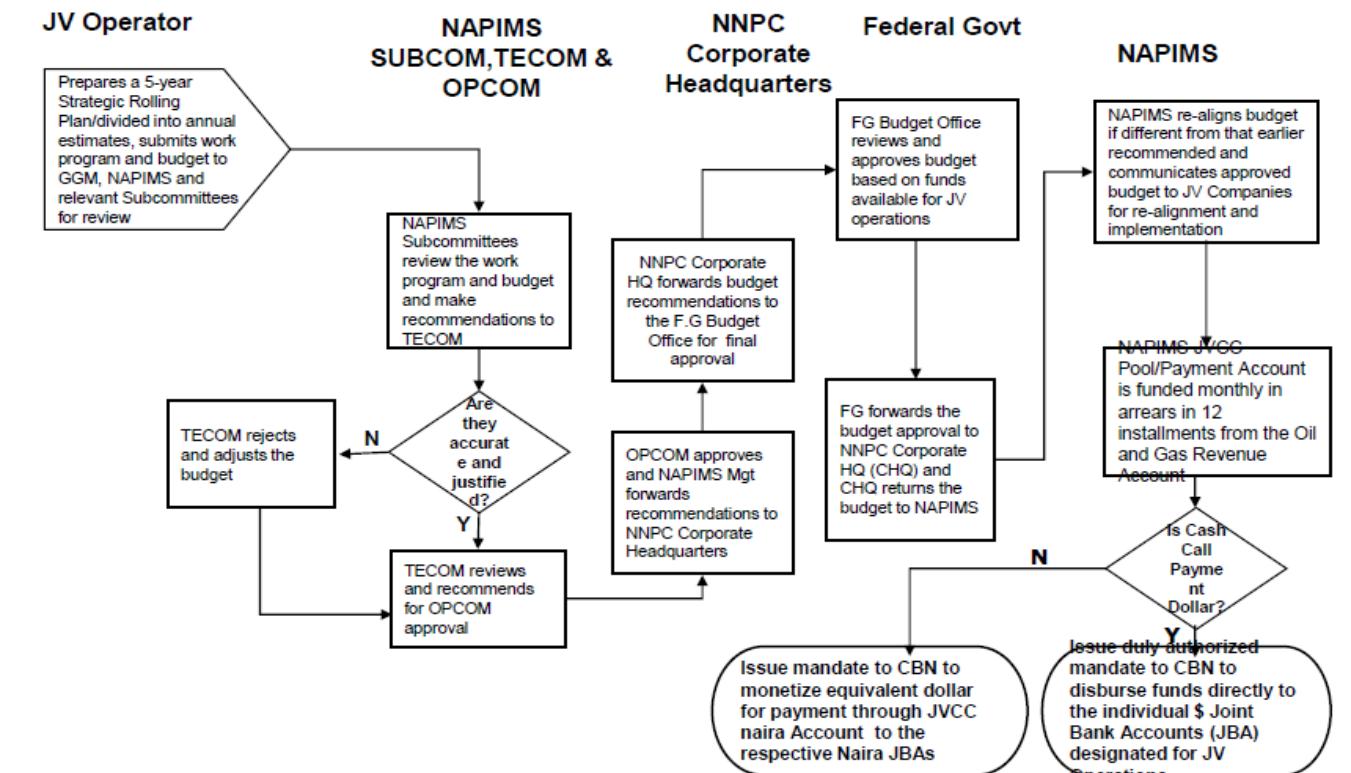
NAPIMS Investment Management Portfolio



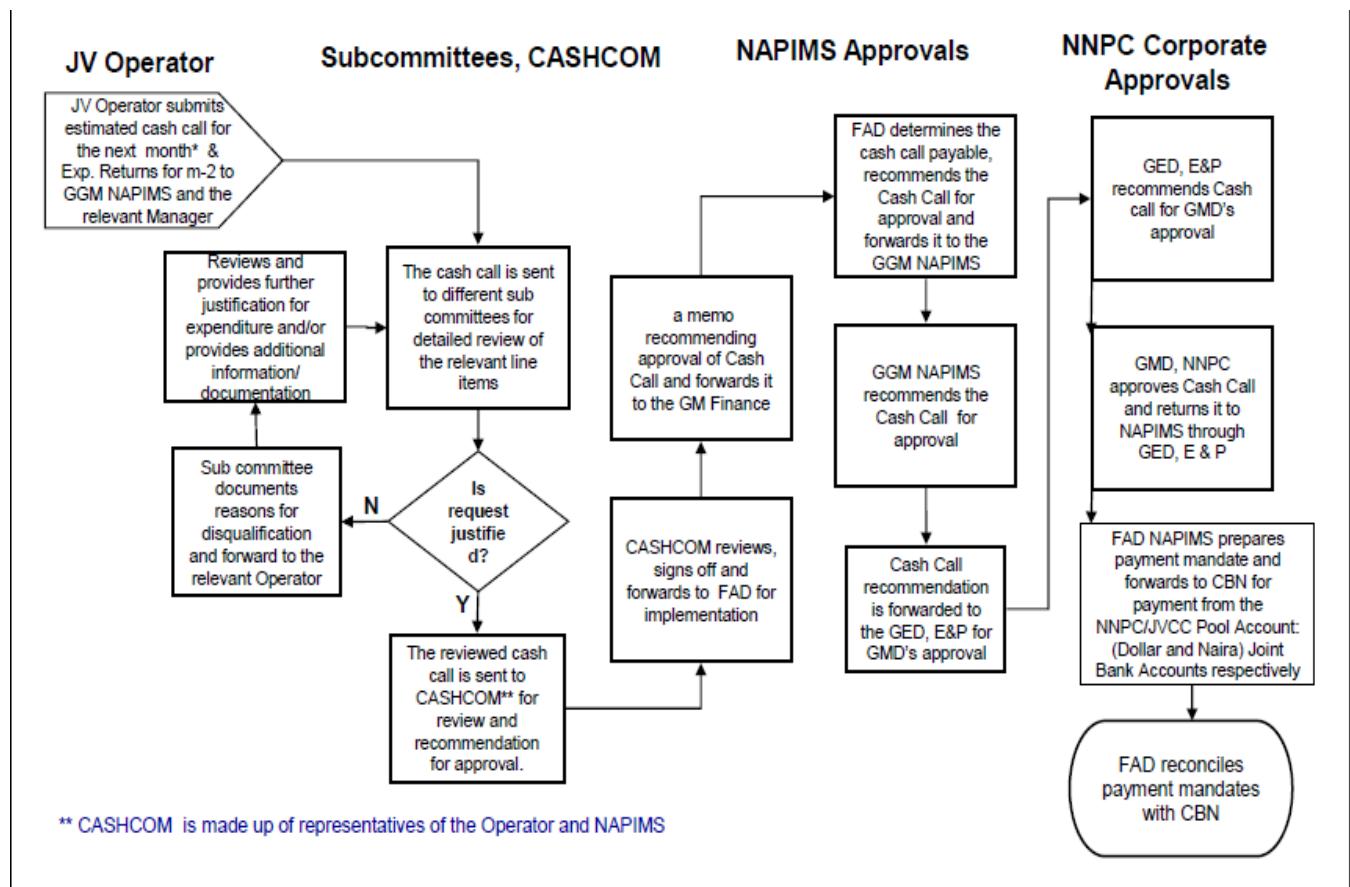
## JV Participating Interest

S/no	Name of Joint Venture	NNPC equity (%)	IOC equity (%)	Operator
1	NNPC/SPDC/EPN/NAOC	55	Shell – 30 Elf - 10 NAOC - 5	SPDC
2	NNPC/MPN	60	40	MPN
3	NNPC/CNL	60	40	CNL
4	NNPC/EPNL	60	40	EPNL
5	NNPC/NAOC/Oando	60	NAOC – 20 Oando - 20	NAOC
6	NNPC/POOC	60	40	POOC
7	NNPC/Newcross	55	45	Newcross
8	NNPC/First E&P	60	40	First E&P
9	NNPC/AITEO	55	45	AITEO
10	NNPC/EROTON	55	45	EROTON

## Cash Call Budgeting/Funding Process Flow Chart



## Monthly Cash Call/Expenditure Returns Process Flow Chart



### JV Funding Mechanisms

- JV Cash Calls – the traditional funding approach
- Alternative Financing Mechanisms –
  - Partner Financing
    - Modified Carry Agreements
  - 3rd Party Financing
    - Financial Institutions

### **Funding of Joint Venture Operations: Cash Call**

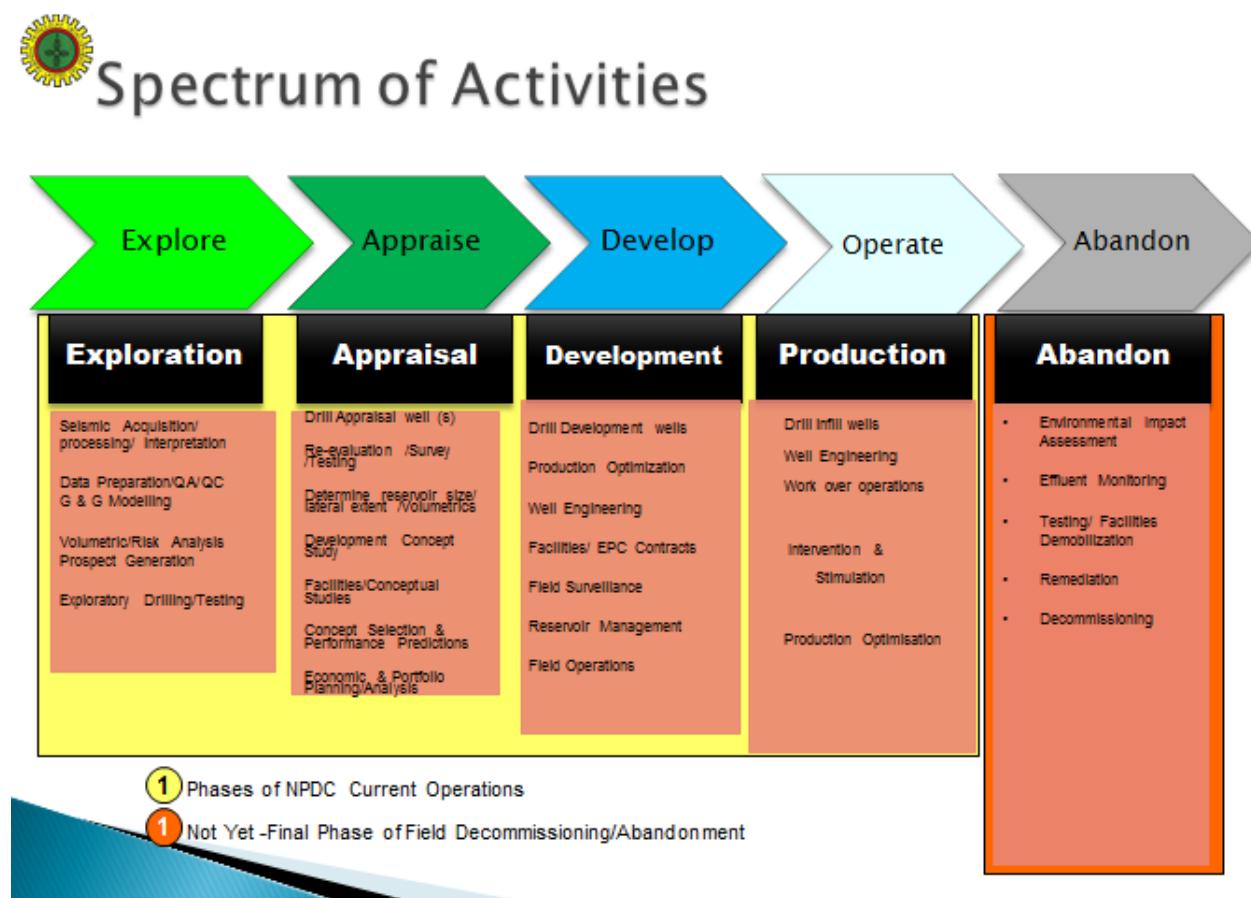
Cash Call: a monthly request by an operator to all partners in the respective participating interests for advance payment to meet anticipated costs and expenditures in the cash call month. It is usually made in currency stipulated in the Joint Venture Agreement (Naira and Dollar)

## Appendix 0-41 The Nigerian Petroleum Development Company Limited (NPDC) Related Diagrams and Flows

### The Nigerian Petroleum Development Company Limited (NPDC)

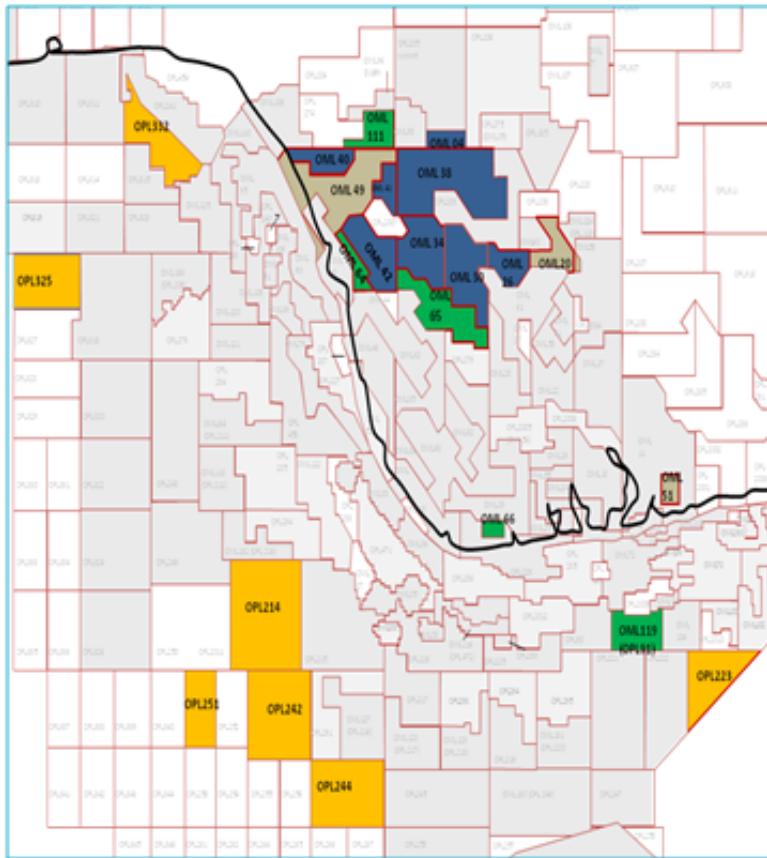
The Nigerian Petroleum Development Company (NPDC) Ltd is a fully-owned subsidiary of the Nigerian National Petroleum Corporation (NNPC) and the company engages in Oil & Gas Exploration and Production activities in the hydrocarbon-rich regions of coastal Nigeria, both onshore and offshore.

### The Spectrum of Activities of NPDC

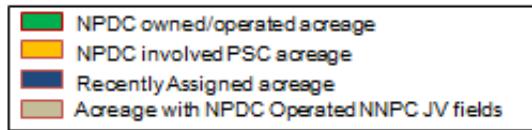


## Asset/Location Map

TERRAIN	CONCESSION	NPDC INTEREST (%)	STATUS	OPERATING PARTY
	OML 64	100	Non producing	NPDC/SIPEC
Onshore	Swamp	OML 66	100	Non producing
		OML 111	100	Producing
	Land	OML65	100	Producing
		OML s 4/38/41	55	Producing
		OML s 26/30/34/40/42	55	Producing
Continental Shelf	OML 119	100	Producing	NPDC
Deepwater	OPL 244	10	Exploration	Agip
	OPL 242	50	Exploration	Nil
	OPL 214	15	Exploration	ExxonMobil
	OPL 223	10	Exploration	Elf
	OPL 251	15	New Interest	Ashbert/NPDC
	OPL 325	20	New Interest	Ashbert/NPDC
	OPL 332	10	Exploration	BG Nigeria Ltd

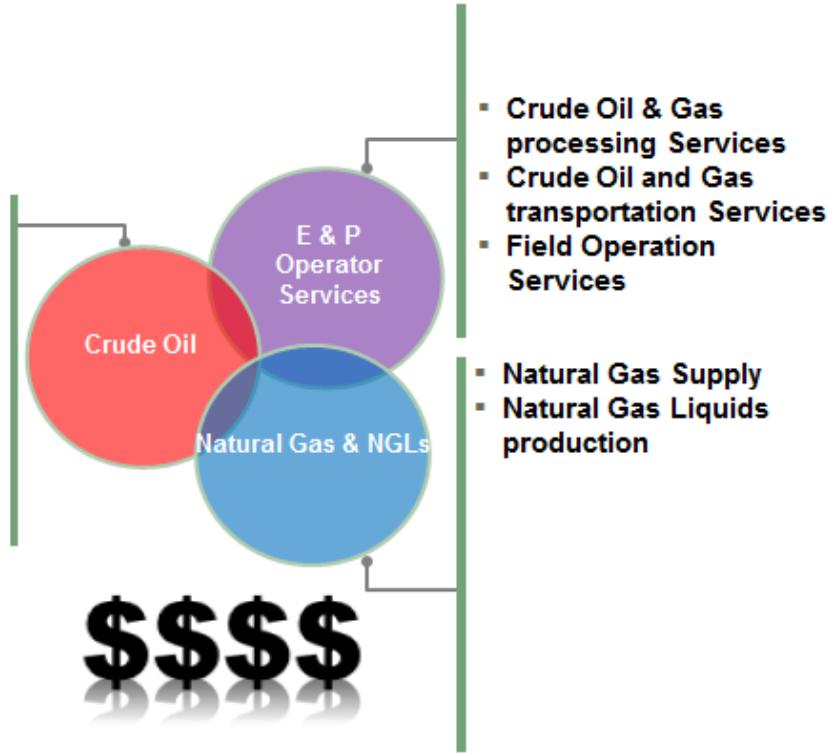


- **Involved in 24 Concessions:**
  - 100% ownership in 5 Blocks: OMLs 64, 65, 66, 111 & 119
  - 55% equity in 8 Blocks: OMLs 4, 26, 30, 34, 38, 40, 41 & 42
  - Varied interests in 7 Deepwater Concessions
  - Operatorship in 4 third party Blocks: OMLs 13, 20, 49 & 51



# Value Drivers

- Crude Oil Production
- Crude Oil Lifting Programming and Supply to Refinery



## **Appendix 0-42 Nigerian Gas Company Limited (NGC) Related Diagrams**

### **Nigerian Gas Company Limited (NGC)**

NGC is committed to adding value to natural gas and making it an energy resource of first choice for the benefit of all stakeholders. The company was initially established to efficiently gather, treat, transmit and market Nigeria's natural gas and its by-products to major industrial and utility gas distribution companies in Nigeria and neighbouring countries. In other deliver efficient services to the numerous customers the business philosophy has been reviewed to focus on Transmission, Distribution and Marketing of Natural Gas.

The Nigerian Gas Company Limited which is has a percentage of Government ownership buys natural gas from producers and sells to customers. Gas penalty flaring is 15% be it associated or unassociated.

From their gas wells, the various gas producing companies transmits to NGC's processing plant through a pipeline and this is being treated to meet the standard of wet Africa gas pipeline. Some of the major producers include Chevron ad Seplat. The Elps pipeline system is the export line and it transmits to West Africa and Ghana.

The Nigerian Gas Company Limited has three arms of customers:

- I. For Commercial purpose - NGC transmits to companies that use gas in commercial quantity, companies like Dangote, BUA, and other manufacturers.
- II. For Power purpose and the power plants include Seven Energy
- III. Transmission purpose

### **Existing Pipeline Systems**

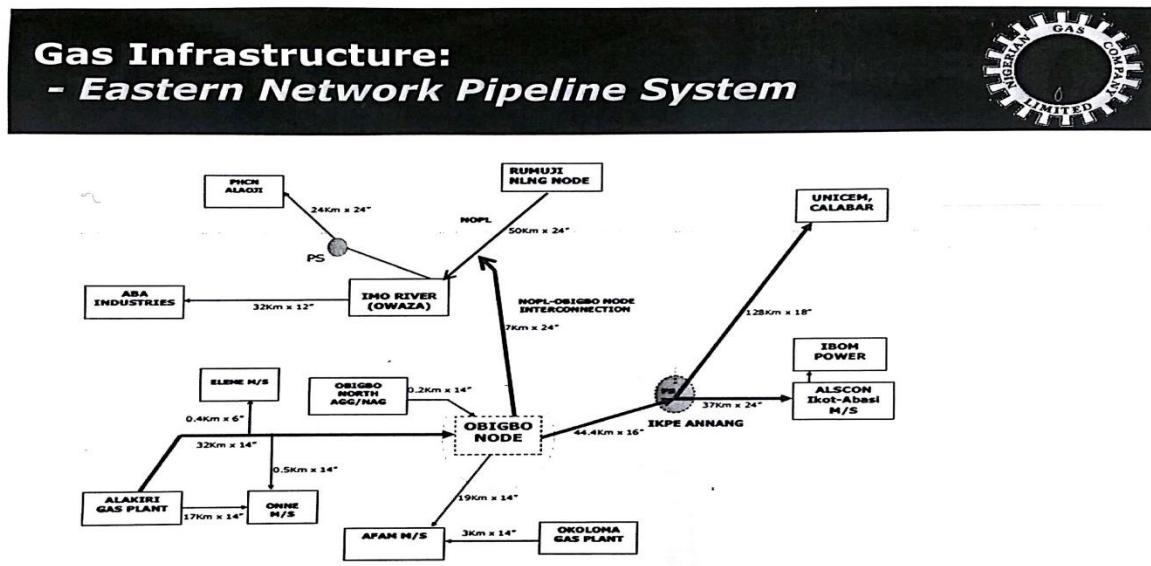
NGC currently operates the following supply systems:

1. The Aladja Gas Pipeline System which supplies the Delta Steel Company, Aladja.
2. The Oben-Ajaokuta-Geregu Gas Pipeline System, which will form the back-bone of the proposed Northern Pipeline System, supplies Gas to Ajaokuta Steel Company, Dangote's Obajana Cement Company and PHCN Geregu Power Plant.
3. The Sapele Gas Supply Systems which supplies gas to PHCN Power Station at Ogorode, Sapele.
4. The Imo River-Aba System for gas supply to the International Glass Industry Limited PZ, Aba Textile Mills and Aba Equitable Industry.
5. The Obigbo North -Afam system caters for PHCN Power Station at Afam.
6. The Alakiri to Onne Gas pipeline system supplies gas to the National Fertiliser Company (NAFCON) now Notore Chemicals for fertilizer production.

7. The Alakiri -Obigbo North -Ikot Abasi system for gas supply to the former Aluminum Smelting Company of Nigeria (ALSCON) Plant now Rusal Industries in Ikot Abasi.
8. The Escravos-Lagos Pipeline (ELP), which supplies gas to NEPA's Egbin Power Plant near Lagos. Subsequent spur lines from the ELP supply the West African Portland Cement (WAPCO) Plants at Shagamu and Ewekoro, PZ Industries at Ikorodu, City Gate in Ikeja Lagos, PHCN Delta IV at Ughelli, and Warri Refining and Petrochemical Company at Warri.
9. Ibafo – Ikeja Gas Supply Pipeline System supplies gas to Ikeja City Gate from where Gaslink distributes to the Lagos Industrial Area (LIA).
10. Ikeja – Ilupeju – Apapa Gas Pipeline System currently operated by Gaslink for Gas Supplies to Greater Lagos Industrial Area.
11. Ajaokuta – Geregu Gas Pipeline System which supplies gas to the Geregu PHCN Power Plant.
12. Ajaokuta – Obajana Gas Pipeline System which supplies gas to Dangote's Obajana Cement Plant (OCP).

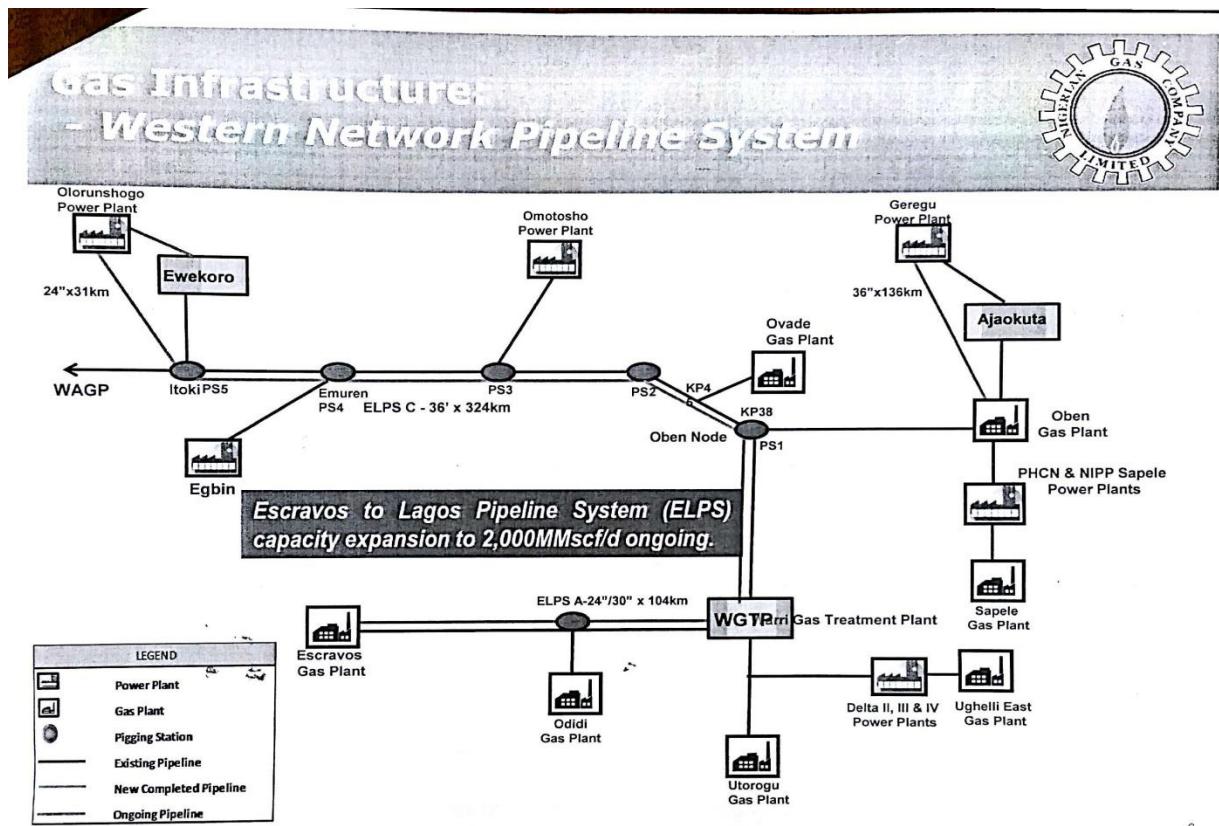
All these facilities comprise of over 1,250 kilometres of pipelines ranging from 4" to 36" in diameter with an overall design capacity of more than 2.5 billion standard cubic feet of gas per day (bscf/d), 16 compressor stations and 18 metering stations. The facilities represent a current asset base of more than N21 Billion.

## Eastern network Pipeline System



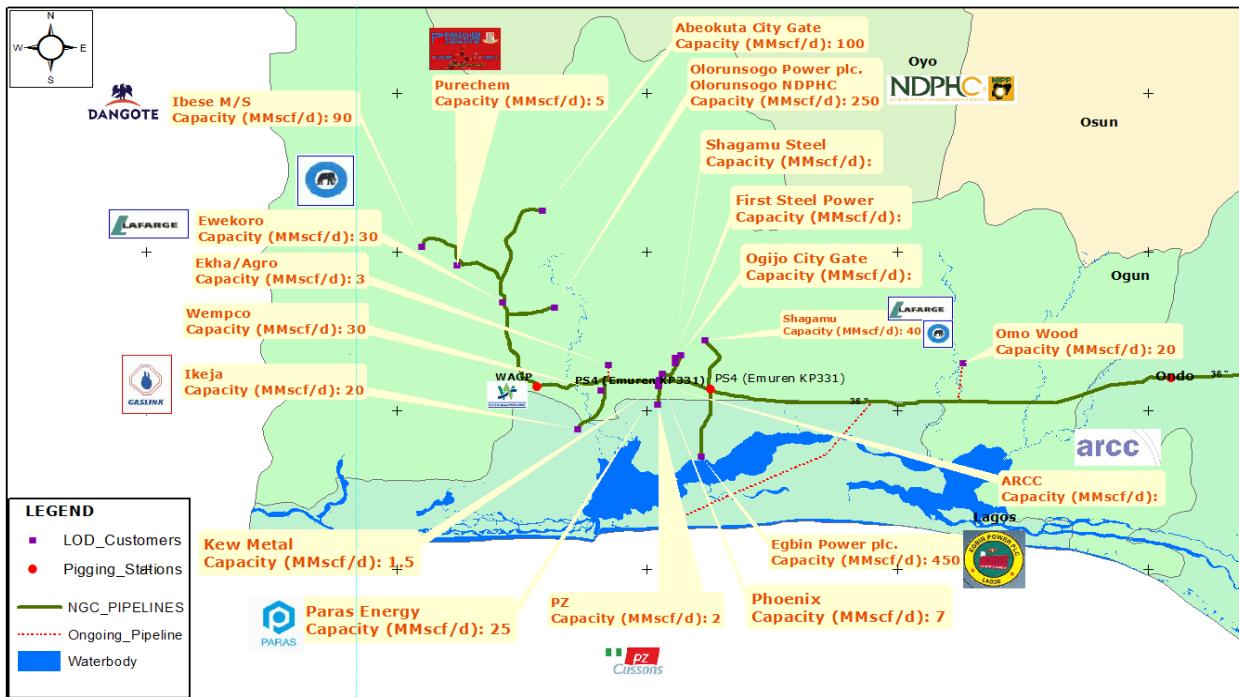
*Construction of Western & Eastern Networks link (OB 3) on-going.*

## Western Network Pipeline System

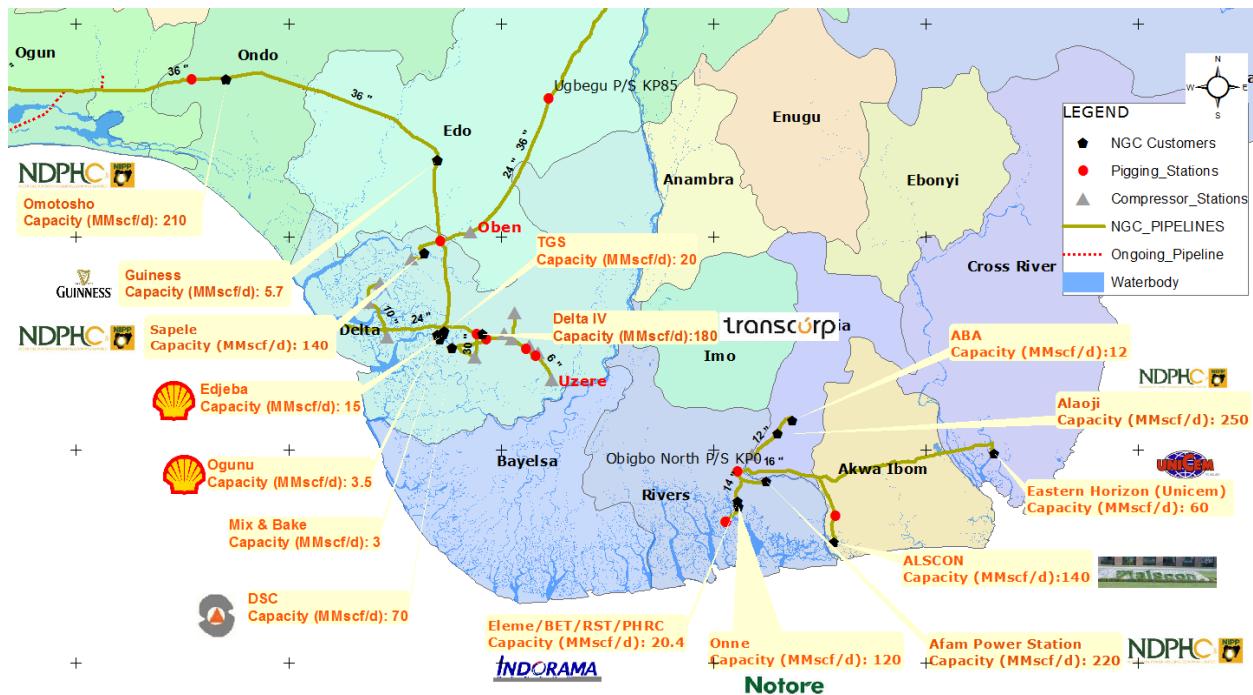


6

## The Geographic Information System of NGC's Customers



## Western Operations Department



## Eastern operations Department



## **Appendix 0-43 Nigeria Liquefied Natural Gas Limited (NLNG) Related Diagrams**

### **Nigeria Liquefied Natural Gas Limited (NLNG)**

Nigeria LNG Limited was incorporated as a limited liability company on May 17, 1989 to harness Nigeria's vast natural gas resources and produce Liquefied Natural Gas (LNG) and Natural Gas Liquids (NGLs) for export.

The establishment of NLNG is backed by the NLNG Act. NLNG mops up gas that would otherwise be flared, thus making significant contributions to the nation's income, delivering in the last thirteen years over USD13 billion in dividends. The company has paid over USD18 billion on gas purchases from oil producing companies, of which the Federal Government of Nigeria owns 55%-60%. Nigeria's overall earnings from NLNG is over 70%, comprising of the 49% dividend, 30% CIT, and other taxes.

The company is owned by four shareholders, namely, the Federal Government of Nigeria, represented by Nigerian National Petroleum Corporation (49%); Shell (25.6%); Total LNG Nigeria Ltd (15%) and Eni (10.4%). It has wholly-owned subsidiaries: Bonny Gas Transport (BGT) Limited and NLNG Ship Management Limited (NSML).

### **Bonny Gas Transport Limited**

Bonny Gas Transport Limited (BGT) is one of NLNG's subsidiaries, established in 1989 to provide shipping capacity for NLNG project. The company was set up with an ordinary equity holding from Nigeria LNG Limited and preferential equity holding from the sponsors, NLNG's shareholders.

### **NLNG Ship Management Limited**

NLNG Ship Management Limited (NSML) was set up in response to rapid changes and challenges in the maritime business and the scarcity of ship board personnel worldwide. The company delivers on NLNG's strategic plan to have a shipping management service, supported by a dedicated manning company to develop and supply qualified and competent shipboard personnel on board its ships.

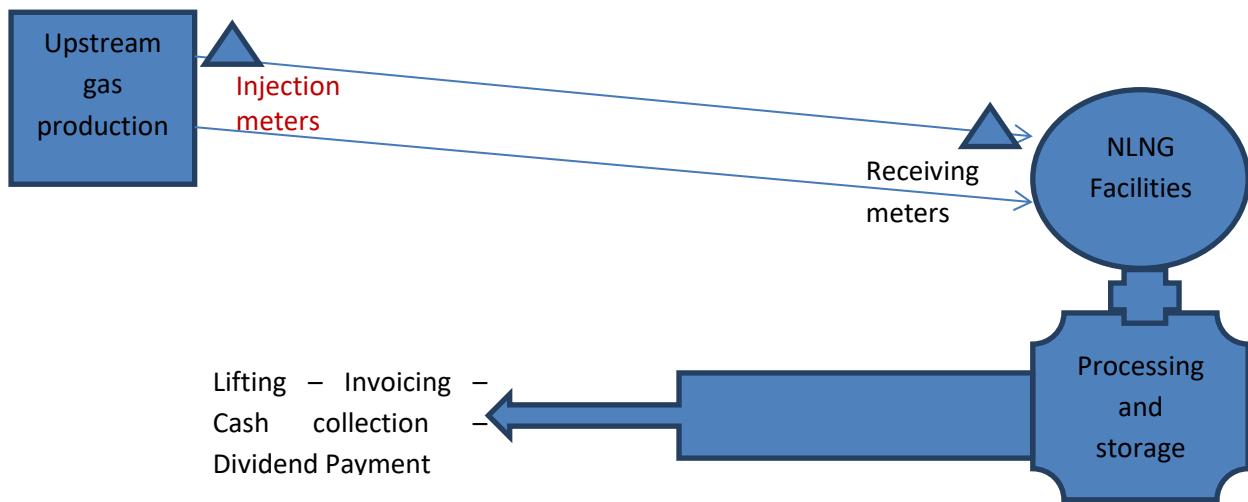
With six trains currently operational, NLNG's plant, on Bonny Island in Rivers State, is capable of producing 22 Million Tonnes Per Annum (MTPA) of LNG, and 5 MTPA of NGLs (LPG and Condensate) from 3.5 Billion (standard) cubic feet per day (Bcf/d) of natural gas intake. NLNG's near term expansion plans include construction of a seventh train to complement the existing six train structure, which when in operation will up the company's total production capacity to 30 million tonnes per annum (MTPA) of LNG.

As the arrowhead of Nigeria's efforts to eliminate gas flaring, NLNG's operations have helped reduced Nigeria's Flaring Profile from 65% to below 25%. The company also supplies about 80% of the annual domestic LPG (Cooking Gas) consumption. NLNG is committed to delivering 250,000 tonnes of LPG into the Nigerian market annually and has signed Sales and Purchase Agreements (SPAs) with fifteen off-takers (all Nigerian companies) for the lifting of LPG for the domestic market.

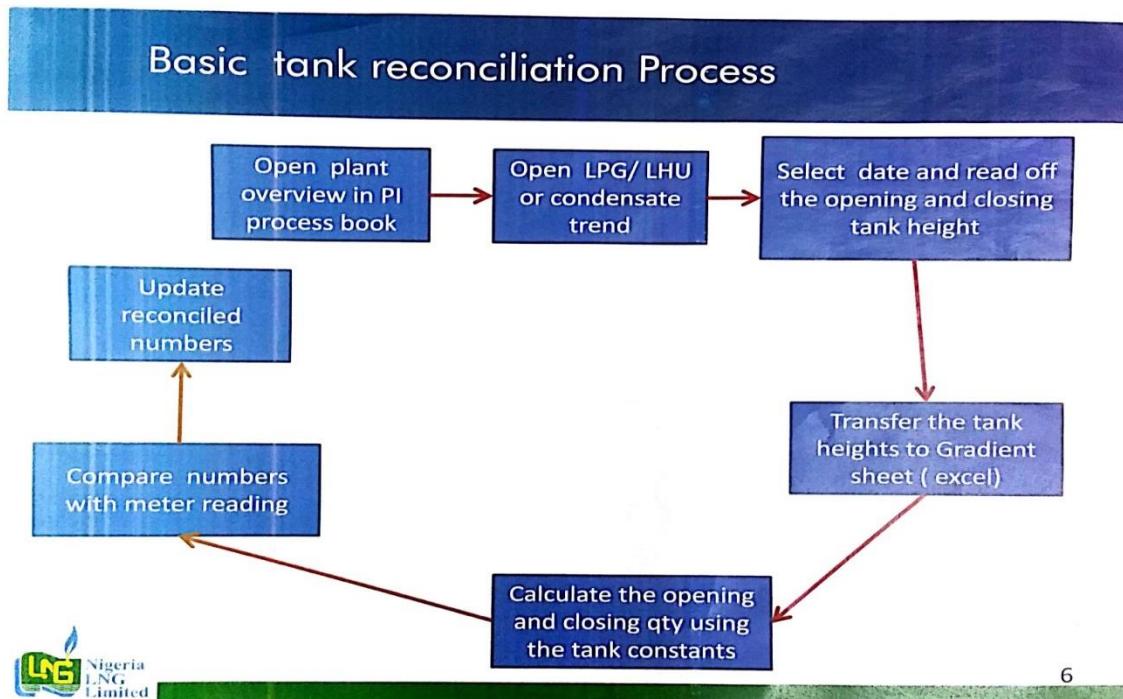
NLNG has converted about 119 Bcm (billion standard cubic metres) or 4.2 Tcf (trillion cubic feet) of Associated Gas (AG) to exports as LNG and Natural Gas Liquids (NGLs), thus helping to reduce gas flaring by Upstream Companies from over 60% to less than 25%. Flares are only permitted in order to eliminate waste gas which cannot be converted to any further use. Flares also act as safety systems for non-waste gas and are released via pressure relief valves, when required, to ease the strain on equipment.

In all its business and social activities, NLNG's driving force remains its vision to help in building a better Nigeria. NLNG supports the development of community and Nigerian contractors to enable them achieve standards of excellence.

#### NLNG Process flow



## Basic Tank Reconciliation Process



## Buying Liquefied Natural Gas and Natural Gas Liquids

NLNG's strategic goal is to fulfill its mission which is "To market, produce and deliver liquefied natural gas and natural gas liquids to buyers safely, reliably and profitably, growing the company and its people to their full potential, and being a trusted partner with all its stakeholders in the sustainable development of Nigeria's gas industry and of NLNG's host communities."

## NLNG Products

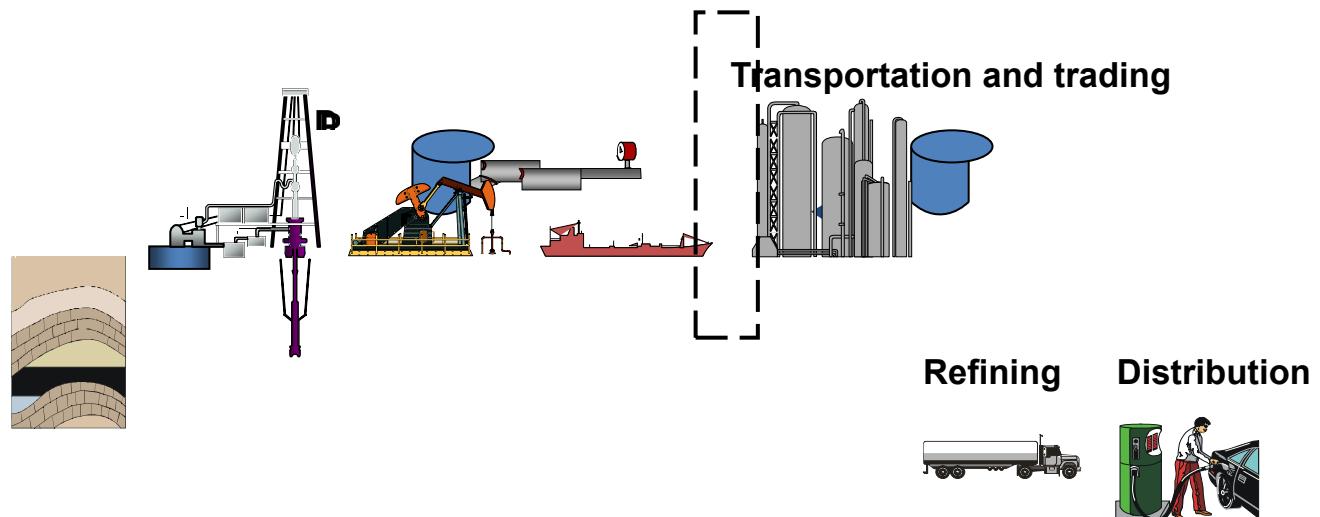
Product	Cargo Lot	Mode of Delivery	Des tination	Mode of Sale
LNG	152,000m3	FOB	Export	Competitive Spot Tender
LPG (Propane/Butane)	45,000mt	FOB	Export	Competitive Periodic Tender
Condensate	30,000mt	FOB	Export	Competitive Periodic Tender
Domestic LPG (Butane)	500-12,000mt	DES	Nigeria	Monthly Nominations

## Appendix 0-44 Warri Refining and Petrochemical Company (WRPC)

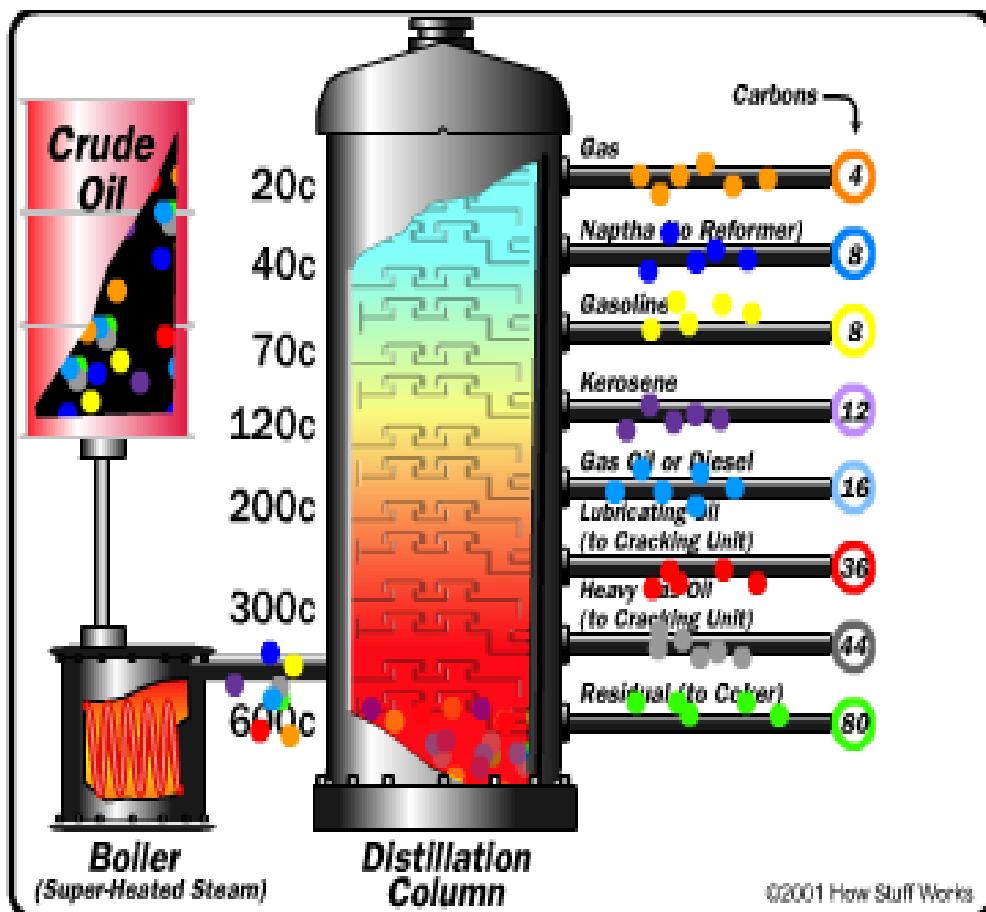
### Warri Refining and Petrochemical Company (WRPC)

Warri Refining and Petrochemicals Company Limited is one of the eleven subsidiary companies established by the Nigerian National Petroleum Corporation in the wake of the commercialization of the Corporation

#### *Refining in the Petrochemical Business System*



## Refining Process



Oil refineries take crude oil and turn it into products such as gasoline, Kerosene, Diesel, jet fuel, crayons and plastics.

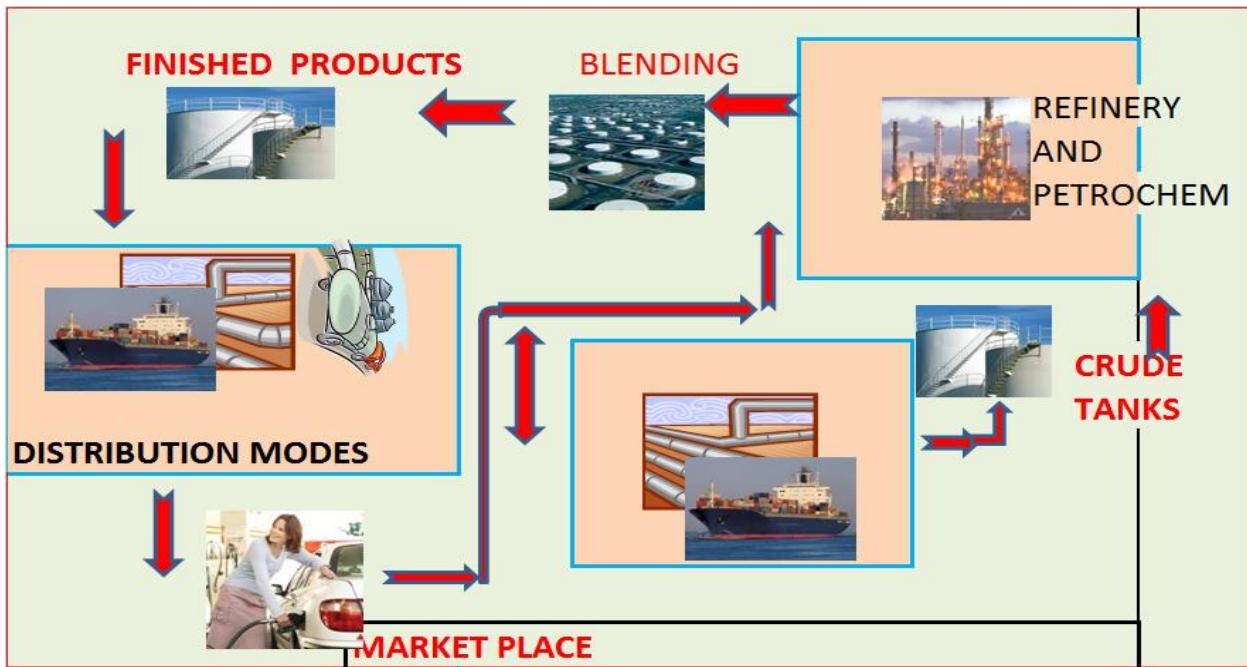
Refining involves two major branches; separation processes and conversion processes.

There are many processes available, the final processes chosen is determined by the products required (both quantity and quality) and the crude oil available.

***Operations of WRPC – Process Plants***

PLANT	CAPACITY	FUNCTION
Crude Distillation Unit (CDU)	125,000 bpsd	To process crude oil into various intermediate and final petroleum products, such as Liquefied Petroleum Gases (LPG), Light & Heavy Naphtha (LN & HN), Kerosene, Automotive Gas Oil (AGO, aka ‘Diesel’) and Atmospheric Residue
Naphtha Hydrotreating Unit/ Catalytic Reforming Unit (NHU/CRU)	17,000 bpsd	To upgrade low-octane Heavy Naphtha into high-octane Reformate, which is then used as blendstock for Premium Motor Spirit (PMS, aka ‘Petrol’)
Vacuum Distillation Unit (VDU)	40,000 bpsd	This unit processes Atmospheric Residue from the CDU into Vacuum Gas Oil (VGO), which is the feedstock for the FCCU (see below)
Kero Hydrotreating Unit (KHU)	8,500 bpsd	Upgrades Kerosene from the CDU into Aviation Turbine Kerosene (ATK)
Fluid Catalytic Cracking Unit (FCCU)	25,000 bpsd	This unit processes VGO from the VDU into C <sub>3</sub> and C <sub>4</sub> - gases, high-octane gasoline, Light Cycle Oil and Decant Oil
Hydrogen Fluoride Alkylation Unit (HFAU)	3,000 bpsd	Upgrades C <sub>4</sub> olefins & Iso-butane from FCC into high-octane Alkylate for PMS blending
Polypropylene	35,000 metric tons/year	Converts Propylene (C <sub>3</sub> ) from the FCCU into Polypropylene
Carbon Black	18,000 metric tons/year	Processes FCCU Decant Oil into Carbon Black

### A Typical Representation of Oil and Gas Supply Chain



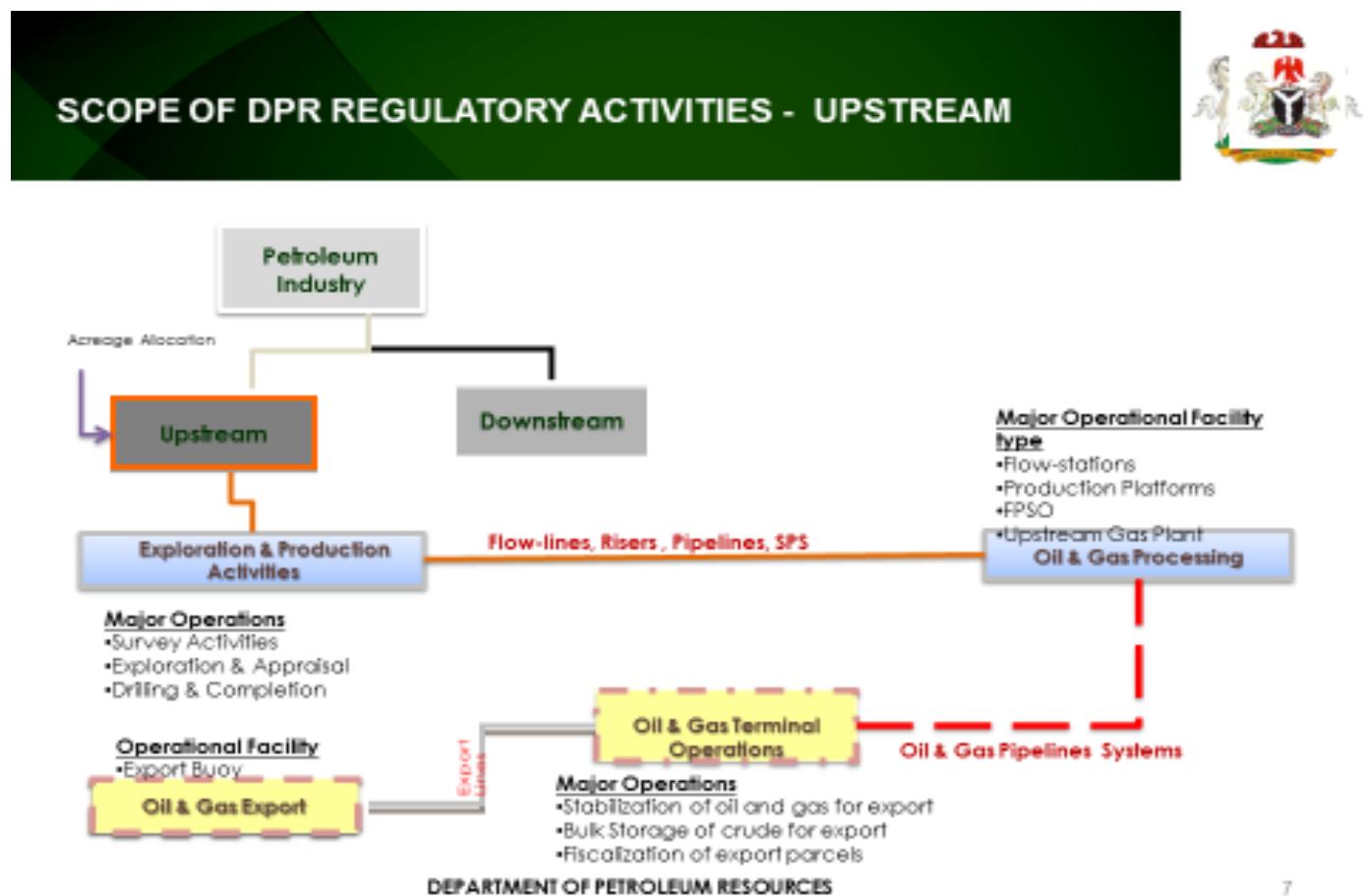
## Appendix 0-45 Department of Petroleum Resources and Related Diagrams

### Department of Petroleum Resources

DPR Offices are nationwide represented by Zonal and field offices. DPR's Primary role is to regulate and monitor Oil and Gas activities. The department also administers and provides accurate report on production volumes and gas reserves by oil producers.

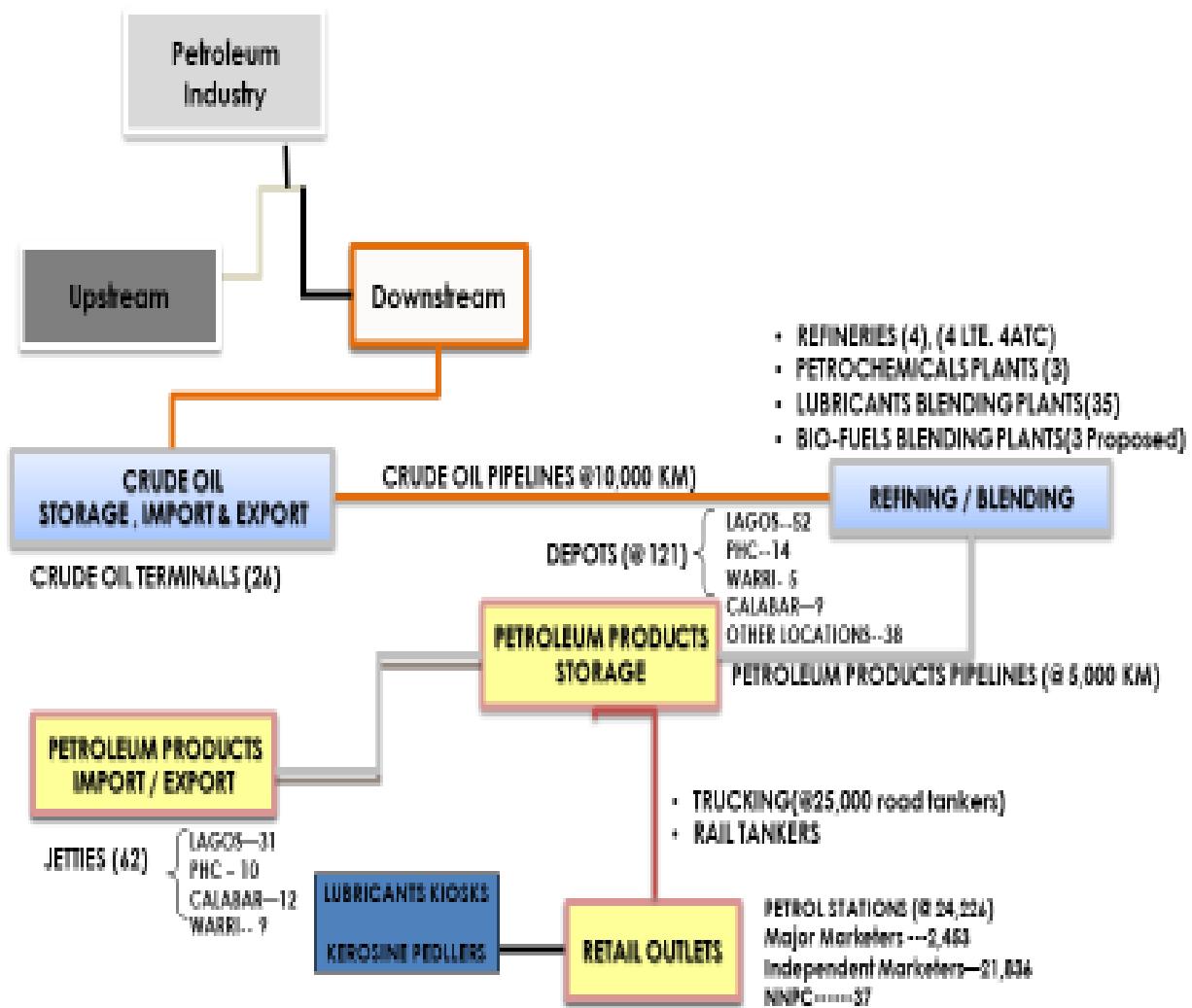
DPR maintains a national data repository situated at the Lagos office which is responsible for the maintenance administration to support effective monitoring of oil companies.

The Stake holders DPR relate with within the industry are FIRS, NNPC, CBN, International organizations, Service companies and Oil companies.



Source: DPR

## SCOPE OF DPR REGULATORY ACTIVITIES - DOWNSTREAM



Source: DPR

## **List of DPR Guidelines and Requirements**

- Guidelines for Bunkering Operations in Nigeria, Version 2013
- DPR Guidelines for Approval to Construct and Operate Petroleum Products Filling Station
- Gas Exploration and Development – Permitting Procedures & Requirements
- Guidelines and Procedures for Obtaining Minister’s Consent to the Assignment of Interest in Oil & Gas Assets 2014
- Proposed Procedure Guide for the Grant of Licence to Retail Lubricating Oils in Nigeria
- Procedure and Conditions to be fulfilled before the Grant of Approval to Construct/Modify Lubricating Oil Blending/Recycling Plant for the Manufacture of Lube Oil
- Guidelines for the Establishment of a Natural Gas Plant Facility in Nigeria, 2006
- Guidelines and Procedure for the Construction, Operation and Maintenance of Oil & Gas Pipelines and their Ancillary Facilities
- Guidelines for the Establishment of Hydrocarbon Processing Plants (Petroleum Refinery and Petrochemicals) in Nigeria, 2007
- Guidelines and Requirements for the Application of Oil And Gas Industry Services Permit (OGISP), 2015
- Step –By – Step Guide to Obtaining the Offshore Supply Permit
- The Procedure and Conditions to be fulfilled before the Grant of Approval and Licence for the Construction, Modification, Relocation of a Liquified Petroleum Gas (LPG) Filling Plant And Autogas Station, 2010
- Procedure Guide for the Construction and Maintenance of Fixed Offshore Platforms, 1992
- Procedure Guide for the Design and Construction of Oil and Gas Surface Production Facilities, 2001
- Guidelines for the Importation of Petroleum Products into Nigeria, 2015
- Statutory Guidelines for Operation of Coastal Vessels
- Gas Exploration and Development – Permitting Procedures & Requirements
- Procedure guide for the Design and Construction of Oil and Gas Surface Production Facility, 2001
- Guidelines for the Design, Construction and Operation of Compressed Natural Gas (CNG) Refuelling Station, 2010
- Procedure Guide for the Determination of the Quantity and Quality of Crude Oil and Petroleum Products at Custody Transfer Points

## **Functions and Responsibilities within DPR**

- The Planning Department is responsible for the ensuring and collection of revenue as well as gas penalty assessment
- Office of the director is responsible for acreage & bidding
- Upstream monitoring & regulation deals with issues relating to well theft, giving technical allowable to prevent abuse, advise on what can be produced.

- Downstream manages the terminals. At the terminal, the DPR personnel ensures that the quantity exported is the expected volume.
- Engineering and standard is responsible for the issuance of licence to operate. They deal with new establishment and issuing out of licence to operate.
- SHE – covers safety
- Finance and account is responsible for admin and finance
- Corporate services is responsible for procurement, HR, office maintenance

Each department has deputy director and under them are officers who work on the field. They are all senior officers from level 8.

In the course of the audit DPR failed to provide the consultants with document on procedures for conducting bid rounds. According to DPR, no bid round was conducted in 2014. Prior to 1999 allocation of oil blocs were done through discretionary grant. In 2004 open competitive bidding was introduced.

### **The Scope of DPR's regulatory activities**

#### **Upstream**

- Exploration and production activities
- Oil and gas processing
- Flow station
- Production Platform
- FPSO (used at deep offshore Locations where platforms cannot be used)
- Oil and Gas terminal Operations
- Export

#### **Downstream**

- Crude storage, import and export
- Refinery
- Petroleum products
- Retail Outlets

## **Payment Process**

The DPR has designation accounts for each of the payment type – gas, royalty, etc into which entities make direct payments after being advised by DPR.

Paying entities are expected to clearly state the name of the company, the payment being made and the period the payment covers.

DPR gets statement from JP Morgan Chase on payments made by these entities on a regular basis bulk of which is Naira denominated. DPR gets notified at the end of the week for all payments made within the week and then sends out receipts in hard copy to the payers. According to DPR, there is an on-going plan to automate the process.

## **Computation of Amount due to each Entity**

Amount payable by each entity is computed based on volume, gas flared and rentals. Payments made by entities are entered into templates and any gap detected will require DPR to write the entity (ies) involved informing them of the need to bring payments to date. This activity is carried out on a regular basis. One of the requirements of DPR is that December liabilities should have been settled by February of the following year.

## **Basis of Computation**

Concession Rental is computed based on acreage.

Oil royalty is computed using oil volume and production, API.

Gas royalty is computed from the value of gas sold as obtained from invoices.

Gas flare penalty is computed on a monthly basis per entity. In the case of a sole risk, the owner of the concession is accountable while the contractors are held accountable in the case of a PSC. In the case of a JV however, all parties are accountable for the payment according to equity. A forum is provided where parties sign off amount to pay.

Companies are also allowed to conduct self-assessment to ensure what is due is paid and Pioneer status is given by the Ministry of Trade and Investment.

DPR ensures that companies comply with regulatory payments through the following means:

- DPR may stop attending to the company's request
- they don't go for inspection,
- DPR stops the company from lifting,
- DPR may also seize the cargo and sell off the crude as last resort as provide by the Petroleum ACT.

### **The Revenues Collected by DPR**

*Signature bonus* – money paid by winners of concession granted

*Concession Rental* – this is the money payable by owners of a concession and this is paid on an annual basis either by an OPL or OML holder.

As provided by the petroleum drilling regulation, the rate for OPL is \$10 r per Square metre while for OML is \$20 per Square Kilometres (on conversion). After 10 years of conversion to OML, the rate goes down from \$20 to \$15 per square kilometers. Upon conversion from OPL to OML, the company relinquishes a portion of the acreage and as such may not have the initial acreage they had when they were operating with an OPL.

*Royalty on Oil* – this is the money paid to the Government as the owner of the resources. The rate charged depends on production as stipulated by the contract type and Gas Sales.

Royalty is paid on a monthly basis

Some companies have fields that have different wells and varying water depth. The revenue from such companies to DPR are:

- Pricing on Gas sales
- Gas flare penalty
- Miscellaneous oil revenue

## Appendix 0-46 List of Export Terminals

CRUDE OIL TERMINAL OPERATIONS						
LIST OF CRUDE OIL TERMINALS IN NIGERIA BY OPERATIONAL ZONES						
Western Zone (Operations Supervised by DPR Warri Zonal Office)						
S/N	TERMINAL	TYPE	PLATFORM	PRODUCT	CAPACITY (Bbls)	OPERATOR
1	UKPOKITI	Offshore	FPSO	Crude Oil	1,970,258	EXPRESS/SHEBA
2	EA (Sea Eagle)	Offshore	FPSO	Crude Oil	1,479,858	SPDC
3	AJAPA	Offshore	FPSO	Crude Oil	80,000	BRITTANIA-U
4	TULJA	Offshore	FSO	Crude Oil	1,762,445	STERLING
5	ESCRAVOS	Onshore	Land	Crude Oil	2,223,754	CHEVRON
6	FORCADOS	Onshore	Land	Crude Oil	6,289,832	SHELL
7	PENINGTON	Offshore	FSO	Crude Oil	2,224,132	CHEVRON
						16,030,279
Eastern Zone (Operations Supervised by DPR Port-Harcourt Zonal Office)						
S/N	TERMINAL	TYPE	PLATFORM	PRODUCT	CAPACITY (Bbls)	OPERATOR
1	ODUDU/AMENAM	Offshore	FSO	Crude Oil	2,198,000	TEPNG
2	OKWORI	Offshore	FPSO	Crude Oil	1,700,000	ADDAX
3	ANTAN	Offshore	FPSO	Crude Oil	1,036,750	ADDAX
4	OKONO	Offshore	FPSO	Crude Oil	949,000	NPDC
5	OKORO	Offshore	FPSO	Crude Oil	360,000	AMNI
6	IMA	Offshore	FPSO	Crude Oil	994,989	AMNI
7	YOHO	Offshore	FSO	Crude Oil	2,192,653	MOBIL
8	EBOK	Offshore	FSO	Crude Oil	1,175,000	ORIENTAL
9	BONNY	Onshore	Land	Crude Oil	5,700,000	SHELL
10	BRASS	Onshore	Land	Crude Oil	3,271,000	AGIP

<b>11</b>	QUA IBOE	Onshore	Land	Crude Oil	8,520,000	MOBIL
28,097,392						
Lagos Zone (Operations Supervised by DPR Lagos Zonal Office)						
S/N	TERMINAL	TYPE	PLATFORM	PRODUCT	CAPACITY (Bbls)	OPERATOR
<b>1</b>	ERHA	Offshore	FPSO	Crude Oil	2,211,400	ESSO (MOBIL)
<b>2</b>	BONGA	Offshore	FPSO	Crude Oil	1,998,577	SNEPCO
<b>3</b>	OYO	Offshore	FPSO	Crude Oil	1,109,580	ALLIED ENERGY
<b>4</b>	AGBAMI	Offshore	FPSO	Crude Oil	2,150,000	CHEVRON
<b>5</b>	AKPO	Offshore	FPSO	Crude Oil	1,999,788	TOTAL UPSTREAM
<b>6</b>	USAN	Offshore	FPSO	Crude Oil	2,132,000	ESSO (MOBIL)
<b>7</b>	ABO	Offshore	FPSO	Crude Oil	933,130	NAE
<b>8</b>	AJE	Offshore	FPSO	Crude Oil	757,392	YINKA FOLAWIYO
13,291,867						
NUMBER OF LAND TERMINALS: <b>5</b>						
NUMBER FPSO's: <b>16</b>						
NUMBER OF FSO's: <b>5</b>						
TOTAL NUMBER OF TERMINALS: <b>26</b>						

Source: DPR

## DPR Industry Data Upstream Statistics

Item	Figures
<b>Total number of OPLs</b>	68
<b>Total number of OMLs</b>	102
<b>Blocks awarded</b>	170
<b>Blocks open</b>	216
<b>Fields in production</b>	218
<b>Fields not producing</b>	97
<b>Operating companies</b>	85
<b>Producing companies</b>	33
<b>Total number of prod wells</b>	2800
<b>Total number of Flowstations/Plants</b>	130

## Downstream Statistics Figures as at January 2013

Item	Figures
<b>Pipelines (oil, products)</b>	16000Km
<b>Products pipelines</b>	5000Km
<b>Refineries</b>	4
<b>Topping Plant</b>	1
<b>Petrochemical plants</b>	3
<b>Lubricant blending plants</b>	35
<b>Depots</b>	128
<b>Import Jetties</b>	62
<b>Trucks</b>	26000
<b>Licenced Retail outlets</b>	26684
<b>Crude Oil Terminals</b>	27

## Rig Count – May 2014 to April 2015

### Terrain

TERRAIN	May	June	July	August	September	October	November	December	January	February	March	April
<b>Land</b>	15	15	16	13	14	14	12	14	17	11	17	11
<b>Swamp</b>	5	5	4	3	3	3	3	3	1	2	3	1
<b>Shallow Offshore</b>	4	4	4	4	4	4	4	4	4	5	5	5
<b>Deep Offshore</b>	9	9	9	9	9	9	7	8	8	10	8	8
<b>Total</b>	33	33	33	29	30	30	26	29	30	28	33	25

### Operation

OPERATION	May	June	July	August	September	October	November	December	January	February	March	April
<b>-Exploration</b>	1	1	0	0	0	0	1	1	1	1	1	0
<b>Appraisal (Oil and Gas Drilling)</b>	6	6	5	3	4	3	5	4	2	2	2	2
<b>Development (Oil and Gas Drilling)</b>	26	26	28	26	26	27	20	24	25	25	26	19
<b>Workover</b>									2	0	4	4
<b>Total</b>	33	33	33	29	30	30	26	29	30	28	33	25

### Rig Type

RIG TYPE	May	June	July	August	September	October	November	December	January	February	March	April
<b>Land Rig</b>	15	15	15	13	14	14	12	14	17	11	17	11
<b>Drill Barge</b>	5	5	4	3	3	3	3	3	1	3	3	2
<b>Jack Up</b>	4	4	4	4	4	4	4	4	4	4	5	4
<b>Semisub</b>	3	3	3	3	3	3	2	3	4	4	3	3
<b>Drillship</b>	6	6	6	6	6	6	5	5	4	6	5	5
<b>Total</b>	33	33	33	29	30	30	26	29	30	28	33	25

### **Contract Type**

Contract Type	JV	PSC	Sole Risk	Marginal	Indigenous	Total
<b>January</b>	4	9	0	5	12	30
<b>February</b>	2	10	0	2	14	28
<b>March</b>	6	9	0	18		33
<b>April</b>	2	9	0	3	11	25

## **Appendix 0-47 Petroleum Refineries and Petrochemicals**

There are currently five (5) refineries in Nigeria; of which four (4) plants are owned by the Nigerian Government through the Nigerian National Petroleum Corporation (NNPC), while the fifth is owned and operated by Niger Delta Petroleum Resources (NDPR). Apart from the single fully-fledged petrochemical plant, two of the refining plants, KRPC and WRPC, have petrochemical complexes that utilize their refinery intermediates to produce petrochemical precursors.

### **Port Harcourt Refinery**

The Port Harcourt refinery, 210,000 barrels per day complex conversion plant is operated by the Port Harcourt Refining Company (PHRC) Limited, a subsidiary of the Nigerian National Petroleum Corporation (NNPC). The PHRC is made up of two refineries located at Alesa-Eleme, RiversState. The old refinery has a refining name plate capacity of 60,000 barrels per day and was commissioned in 1965, while the new plant with name plate capacity of 150,000 barrels per day was commissioned in 1989. The plant utilizes bonny light crude oil to produce Liquefied petroleum gas (LPG), premium motor spirit (PMS), Dual Purpose Kerosene (DPK), Automotive Gas Oil (AGO), Low Pour Fuel Oil (LPFO) and High Pour Fuel Oil (HPFO).

### **Warri Refinery**

The Warri refinery was established in 1978 with a refining nameplate capacity of 100,000 barrels per stream day plant and was debottlenecked to 125,000 barrels per stream day in 1987. The refinery is located at Ekpan, Warri, DeltaState, and it is operated by the Warri Refining & Petrochemicals Company (WRPC) Limited, an NNPC subsidiary. The refinery was installed as a complex conversion plant capable of producing Liquefied Petroleum Gas (LPG), Premium Motor Spirit (PMS), Dual Purpose Kerosene (DPK), Automotive Gas Oil (AGO), and Fuel Oil from a blend of Escravos and Ughelli crude oils'. WRPC has a petrochemical plant complex that produces Polypropylene, and carbon black from the propylene-rich feedstock and decant oil from the Fluid Catalytic Cracking unit (FCCU).

### **Kaduna Refinery**

The Kaduna refinery has a name plate refining capacity of 110,000 barrels per day and is located in Kaduna, KadunaState. The plant is run by the Kaduna Refining and Petrochemicals (KRPC) Limited, a subsidiary of the Nigerian National Petroleum Corporation (NNPC) and has a complex conversion configuration. The KRPC possesses a fuels plant commissioned in 1983 and the 30,000 MT per year Petrochemical Plant in 1988. The refining plant has two (2) distillation units that utilize Escravos and Ughelli crude oils' for fuels production and imported heavy crude oil for lube base oil, asphalt and waxes. Products obtained from KRPC include Liquefied petroleum gas (LPG), Premium Motor Spirit (PMS), House Hold Kerosene (HHK), Aviation Turbine Kerosene (ATK), Automotive Gas Oil (AGO), Fuel Oil. The petrochemical plant produces Linear Alkyl Benzene (LAB).

## **Niger Delta Petroleum Resources**

The NDPR refinery is a 1,000 barrels per day topping plant located at Ogbelle, RiversState. The plant is targeted at the production of diesel for its internal consumption and the excess is sold to immediate locality. The plant receives crude oil from the flow station operated by its upstream affiliate, the Niger Delta Exploration and Production (NDEP) Company, within its marginal field..

## **Indorama Eleme Petrochemicals Company Limited**

The Indorama Eleme Petrochemicals Company Limited (IEPL), formerly known as Eleme petrochemicals Company Limited (EPCL) was acquired in 2006 from the NNPC during the privatization program by Indorama as the Core investors. The complex is located at Eleme, Rivers State, and has 22,000 tonnes per annum (TPA) Butene-1, 270,000 TPA Polyethylene, and 80,000 TPA Polypropylene plants that process natural gas liquids (NGL) from Nigerian Agip Oil Company (NAOC) and propylene-rich feed from Port Harcourt refinery to produce a range of Polyethylene and Polypropylene products. IEPL rehabilitated the previously under utilized plant, and through prudent management has over the years stabilized petrochemicals production and is on the verge of expanding the plant complex.

## **LIST OF EXISTING LUBE BLENDING PLANTS**

S/No.	Name of Company	Location	Base Oil storage capacity (liters)
<b>Total Base Oil Storage Capacity</b>			<b>120,575,172</b>
1	Abbnox Oil Limited	Ogbaru, Anambra	99,000
2	Ammasco International Limited	Bompailnd. Area, Kano	6,600,000
3	Ascon Oil Company Ltd	Magboro, Ifo, Ogun State	335,000
4	A-Z Petroleum Products Limited	Nnewi, Anambra State.	2,110,000
5	Bestlub International Nig.Ltd.	Apapa Lagos	360,000
6	Conoil Plc	Apapa, Lagos State.	9,075,130
7	Dezern Nigeria Limited	Okigwe, Imo State.	990,000
8	Dozzy Oil & Gas Ltd	Onitsha, Anambra	3,000,000
9	Equatorial Pet. Coastal & Process Ltd.	Ilorin, Kwara State	2,000,000
10	Eterna Industries Plc.	Sagamu, Ogun	935,000
11	Forte Oil Plc (Forte)	Apapa, Lagos State	8,000,000
12	Fudia Petrochemical Ltd.	Isolo Lagos	540,000
13	Grand Petroleum &	Amuwo-Odofin, Lagos	10,000,000

	Chemicals Ltd.		
14	Highlight Oil and Gas Limited	Agbodi Village, Ogun	375,000
15	Honeywell Oil & Gas Ltd.	Ilupeju, Lagos	165,000
16	Ibeto Petrochemicals Industry Limited	Nnewi, Anambra State	1,200,000
17	Jezco Oil Nigeria Ltd	Awka, Anambra State	360,000
18	Lubcon Ltd.	Ilorin west, Kwara State.	5,000,000
19	Mobil Oil Nig. Plc	Apapa, Lagos State.	7,080,000
20	Moye Oil & Chemical Ltd.	Osogbo, OsunState	926,179
21	MRS Oil Nigeria Plc	Apapa, Lagos	11,000,000
22	Oando Plc I	Rido Chikun, Kaduna	8,067,170
23	Oando Plc II	Chikun, Kaduna.	7,200,000
24	Onyx Crown Oil Limited	Owerri West, Imo State	355,000
25	Ronad Oil and Gas (WA) Ltd	Plot 1, Industrial Layout, Off Bamk Road, Uzii, Idiato North, Imo State.;	6,684,000
26	Specialty Oil Company Nig Ltd	Onitsha,.Anambra State	425,600
27	T.Y Chemicals Limited	Chikun, Kaduna	700,000
28	Tonimas Nigeria Limited	Aronga, Abia State	4,427,096
29	Total Nig Plc	Kudenda, Kaduna South	1,300,000
30	Total Nig. Plc	Apapa, Lagos	9,825,400
31	Total Nigeria Plc	Koko, Delta	10,050,000
32	Veee Oil resources Limited	Independence Road, Kano	264,000
33	Whiz Products W.A Limited	Isuofia, Anambra State	900,000
34	Zico Pet. Marketing Company	Benin, Edo State	226,597

## Appendix 0-48 Upstream Concession Status - 2014

**Table 1: Concession Situation**

S/N	NAME OF COMPANY	CONCESSION HELD	TYPE OF CONTRACT	EXPIRATION DATE	GEOLOGICAL LOCATION
1	AFREN GLOBAL ENERGY RESOURCES LIMITED	OPL 907	PSC	19.02.2018	Anambra Basin
		OPL 917	PSC	19.02.2018	
2	AFRICOIL & MARKETING	OPL 204	SR	08.07.2010	Onshore Niger Delta
3	ALFRED JAMES NIG.LTD.	OPL 302	SR	25.06.2001	Benin Basin
4	AITEO	OML 29	JVC	30.06.19	Niger Delta
5	ALLIED ENERGY RESOURCES NIG. LTD	OML 120 (former OPL 210)	SR	26.02.2021	Niger Delta
		OML 121 (former OPL 210)	SR	26.02.2021	
6	AMALGAMATED OIL	OPL 452	SR	23.05.2016	Onshore
7	AMNI INTERNATIONAL PETROLEUM LTD	OML 112 (former OPL 469)	SR	12.2.2018	Niger Delta
		OML 117	SR	5.8.2019	
8	ASHBERT/NPDC	OPL 325	PSC	Ashbert yet to pay Signature Bonus. Expected Signature bonus = \$50,250,000. NPDC paid \$10,050,000 being its own share of the Signature bonus.	Deep Offshore
9	ATLAS PETROLEUM NIG. LTD	OML 109	SR	24.5.2016	Niger Delta
10	BG EXPLORATION	OPL 286	PSC	07.03.17	Deep Offshore

11	BOC JNHP CONSORTIUM	OPL 240	PSC	PSC yet to be signed because NNPC is requesting for a common name for the consortium.	Continental Shelf
12	CAVENDISH PETROLEUM NIG. LTD	OML 110	SR	6.8.2016	Niger Delta
13	CHEVRON NIG. LTD.	OML 49	JVC	14.06.2027	Niger Delta
		OML 51	JVC	14.06.2027	Niger Delta
		OML89	JVC	Aug-34	Niger Delta
		OML 91	JVC	Aug-34	Niger Delta
		OML 86	JVC	Aug-34	Niger Delta
		OML 88	JVC	Aug-34	Niger Delta
		OML 90	JVC	Aug-34	Niger Delta
		OML 95	JVC	Aug-34	Niger Delta
		OML 132 (former OPL 213)	PSC	19.12.25	Deep Offshore
14	CLEANWATERS CONSORTIUM	OPL 289	PSC	22.04.2012	Continental Shelf
15	CNODC	OPL 471	PSC	22.04.2017	Continental Shelf
16	OANDO PLC	OML 131	PSC	23.04.25	Deep Offshore
17	CONOIL PRODUCING LTD	OML 103	SR	1.6.2013	Onshore,Niger Delta
		OML 136	SR	26.07/2026	Continental Shelf,Niger Delta
		OPL 257	PSC	08.02.16	Deep Offshore
		OPL 290	PSC	16.10.13	Continental Shelf
18	CONTINENTAL OIL & GAS COMPANY LTD	OML 59	SR	5.6.2018	Niger Delta Onshore
		OPL 2007	PSC	16.10.15	Niger Delta Onshore
19	CROWNWELL PETROLEUM LTD	OPL 305	SR	25.06.16	Benin Basin
		OPL 306	SR	25.06.16	Benin Basin
20	DAJO OIL LIMITED	OPL 322	PSC	26-02 2019	Deep Offshore
21	DUBRI OIL CO. (NIG.) LIMITED	OML 96	SR	01.05.33	Niger Delta
22	DSV	OPL 251	PSC	Yet to pay Signature Bonus	Niger Delta
23	TOTAL EXP & PROD.NIG. LTD.	OPL 221	PSC	18.11.13	Deep Offshore
		OML 138 (former OPL 222)	PSC	16.05.2017	Deep Offshore
		OML 139 (former OPL 222)	PSC	16.05.2017	Deep Offshore
		OPL 223	PSC	18.07.2015	Deep Offshore

		OML 99	JVC	01.05.33	Niger Delta
		OML100	JVC	01.05.33	Niger Delta
		OML 102	JVC	01.05.33	Niger Delta
		OML 58	JVC	13.06.27	Niger Delta
24	EMERALD ENERGY RES. LTD	OML 141 (former OPL 229)	SR	07.08.2027	Onshore
25	ENAGEED RESOURCES LTD.	OML 148 (Former OPL 274)	PSC	14.05.35	Onshore
26	EROTON	OML 18	JVC	30.06.19	Niger Delta
27	ESSO E & P. LTD	OML 133 (former OPL 209)	PSC	07.02.26	Deep Offshore
		OML 145 (former OPL 214)	PSC	2034	Deep Offshore
28	EXPRESS PETROLEUM & GAS CO. LTD	OML 108 (former OPL 74)	SR	31.10.2015	Continental Shelf
		OPL 227	SR	2015	Continental Shelf
29	ESSAR EXPLORATION	OPL 226	PSC	9.3.15	Continental Shelf
30	FIRST E&P	OML 83	JVC	14.8.34	Niger Delta
		OML 85	JVC	14.8.34	Niger Delta
31	WEST AFRICAN EXPLORATION & PRODUCTION LIMITED	OML 71	JVC	17.12.2034	Niger Delta
		OML 72	JVC	17.12.2034	Niger Delta
32	GAS TRANSMISSION & POWER LIMITED	OPL 905	PSC	22.04.2017	Inland Basin (Anambra)
33	GLOBAL ENERGY CO. LTD.	OML 149 (Former OPL 135)	PSC	04.02.35	Onshore
		OPL 2009	PSC	15.12.2018	Continental Shelf
		OPL 2010	PSC	15.12.2018	Continental Shelf
34	GRASSO/SIGNMUND	OPL 2012	PSC	17.06.2024	Continental Shelf
35	HERITAGE OIL AND GAS	OPL 247	PSC	05.04.14	Deep Offshore
36	HI REV E&P LTD	OPL 2002	PSC	Yet to pay Signature Bonus	Niger Delta
37	INC NATURAL RESOURCES	OPL 252	PSC	Incomplete Payment of Signature Bonus	Deep Offshore
		OPL 292	PSC		Deep Offshore
38	JAHCON INTERNATIONAL LIMITED	OPL 2001	PSC	Yet to sign PSC	Niger Delta
39	KNOC NIG.	OPL 321	PSC	09. 03. 16	Deep Offshore
		OPL 323	PSC	09. 03. 16	Deep Offshore

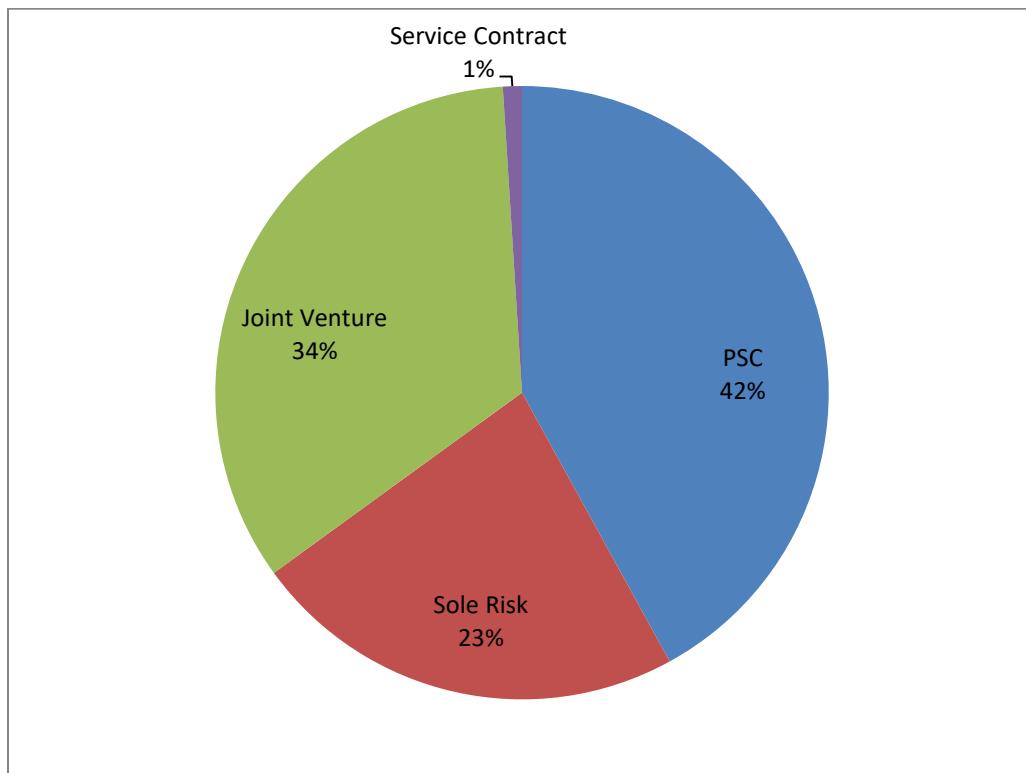
40	NNPC/STAR DEEP/FAMFA	OML 127 (former OPL 216)	PSC	24.11.24	Deep Offshore
41	MOBIL PRODUCING NIG. UNLIMITED	OML104	JVC	13.1.18	Niger Delta
		OML 67	JVC	10.03.2031	Niger Delta
		OML 68	JVC	10.03.2031	Niger Delta
		OML 70	JVC	10.03.2031	Niger Delta
42	MONI PULO LTD.	OML 114 (former OPL 230)	SR	01/03/2019	Cont. Shelf, Niger Delta
		OPL 234	PSC	15.12.2013	Onshore
		OPL 239	PSC	15.12.2013	Continental Shelf
		OPL 231	PSC	17.05.2013	Onshore
43	NEW CROSS E & P	OML 24	JVC	30.06.19	Niger Delta
44	NEW CROSS PETROLEUM	OPL 276	PSC	20.01.2017	Niger Delta
		OPL 283	PSC	20.01.2017	Niger Delta
45	NEW NIGERIA	OPL 733	PSC	07.08.16	Chad basin
		OPL 809	PSC	07.08.16	Benue Trough
		OPL 810	PSC	07.08.16	Benue Trough
		OPL 722	PSC	07.08.16	Chad basin
46	NIGERIA AGIP EXPLORATION	OML 134 (former OPL 211)	PSC	30.05.2026	Niger Delta
		OML 125 (former OPL 316)	PSC	01.01.2023	Offshore
		OPL 244	PSC	19.12.2011	Deep Offshore
47	NIGERIA AGIP OIL CO. LTD	OPL 282	PSC	07.09.15	Niger Delta
		OML 60	JVC	13.6.2027	Niger Delta
		OML 61	JVC	13.6.2027	Niger Delta
		OML 62	JVC	13.6.2027	Niger Delta
		OML 63	JVC	13.6.2027	Niger Delta
48	NNPC/AENR	OML 116	SC	05.08.19	Niger Delta
49	NNPC/ADDAX PET. DEV. CO.	OML 126	PSC	24.11.24	Niger Delta
		OML 137	PSC	22.04.27	Niger Delta
		OML 123	PSC	13.04.22	Niger Delta
		OML 124	PSC	13.04.22	Niger Delta
50	STARCREST	OPL 291	PSC	15.10.16	Deep Offshore
51	NNPC/ELCREST	OML 40	JVC	30.06.2019	Onshore
52	NNPC/FES	OPL 702	SR	Not applicable due to section 20 of NNPC Act Cap 320 of LFN 1990	Chad basin
		OPL 703	SR		Chad basin
		OPL 705	SR		Chad basin
		OPL 707	SR		Chad basin
53	NNPC/NECONDE	OML 42	JVC	30.06.2019	Onshore

54	NNPC/FIRST HYDROCARBON	OML 26	JVC	30.06.2019	Onshore
55	NNPC/ND WESTERN LTD.	OML 34	JVC	30.06.2019	Onshore
56	NIGERIA PET. DEV. CO. (NPDC)	OPL 242	PSC	06.03.2021	Deep Offshore
		OML 119	SR	30.10.20	Niger Delta
		OML 111	SR	2016	
		OML 64	SR	2019	Niger Delta
		OML 65	SR	2019	
		OML 66	SR	2019	Niger Delta
57	NNPC/SHORELINE	OML 30	JVC	30.06.2019	Onshore
58	NIG-DEL UNITED LTD.	OPL 233	PSC	May, 2012	Niger Delta
59	NOREAST PET. NIG. LTD.	OPL 215	SR	20.04.20	Deep Offshore
60	NORTH SOUTH	OPL 326	SR		Deep Offshore
61	OANDO PLC	OPL 236	PSC	07.09.2011	Onshore
		OPL 278	PSC	18.01.15	Niger Delta
62	OILWORLD LIMITED	OPL 241	PSC	09.03.2020	Niger Delta
63	OIL AND INDUSTRIAL SERVICES LTD			Yet to sign PSC	Niger Delta
64	OIL AND GAS NIG. LTD	OML 140 (former OPL 249)	SR	17.07.27	Deep Offshore
65	ONGC - MITTAL	OPL 279-N	PSC	22.02.17	Deep Offshore
		OPL 297	PSC		Deep Offshore
66	OPTIMUM PETROLEUM	OPL 310	SR	09.06.18	Benin Basin
67	ORIENT PET. REFINERY LTD.	OPL 915	SR	29.01.2015	Anambra Basin
		OPL 916	SR	29.01.2015	Anambra Basin
68	ORIENTAL ENERGY	OML 115 (former OPL 224)	SR	19.5.2019	Continental Shelf
69	ORANTO PETROLEUM LTD	OPL 320	PSC	20.2.2012	Deep Offshore
		OPL 293	PSC	Yet to pay Signature Bonus	Deep Offshore
70	PAN OCEAN OIL CORPORATION	OML 98	JVC	7.7.2018	Niger Delta
71	PAN OCEAN /ANIOMA	OML 147 (Former OPL 275)	PSC	22.10.34	Onshore
72	PEAK PETROLEUM INDUSTRIES NIG. LTD	OML 122 (former OPL 460)	SR	16.5.2021	Continental Shelf
73	SAHARA ENERGY E & P	OPL 284	PSC	06.07.17	Deep Offshore
		OPL 228	PSC	Yet to sign PSC	Onshore
74	SEPLAT CONSORTIUM (SEPLAT/AMNI/BELEMA)	OML 52	JVC	14.6.2027	Niger Delta
		OML 53	JVC	14.6.2027	Niger Delta
		OML 55	JVC	14.6.2027	Niger Delta
75	NPDC/SEPLAT	OML 4	JVC	30.06.2019	Onshore
		OML 38	JVC	30.06.2019	Onshore
		OML 41	JVC	30.06.2019	Onshore

76	SHELL NIG.EXP & PROD. CO. LTD	OML 118 (former OPL 212)	PSC	27.11.25	Deep Offshore
		OML 135 (former OPL 219)	PSC	2.7.2026	Deep Offshore
77	NAE/SHELL NIG.ULTRA DEEP LTD	OPL 245	PSC	10.05.31	Ultra Deep Offshore
78	SPDC	OML 11	JVC	30.06.19	Niger Delta
		OML 17	JVC	30.06.19	Niger Delta
		OML 20	JVC	30.06.19	Niger Delta
		OML 21	JVC	30.06.19	Niger Delta
		OML 22	JVC	30.06.19	Niger Delta
		OML 25	JVC	30.06.19	Niger Delta
		OML 27	JVC	30.06.19	Niger Delta
		OML 28	JVC	30.06.19	Niger Delta
		OML 31	JVC	30.06.19	Niger Delta
		OML 32	JVC	30.06.19	Niger Delta
		OML 33	JVC	30.06.19	Niger Delta
		OML 34	JVC	30.06.19	Niger Delta
		OML 35	JVC	30.06.19	Niger Delta
		OML 36	JVC	30.06.19	Niger Delta
		OML43	JVC	30.06.19	Niger Delta
		OML 45	JVC	30.06.19	Niger Delta
		OML 46	JVC	30.06.19	Niger Delta
		OML 74	JVC	30.11.2008	Niger Delta
		OML 77	JVC	30.12.2008	Niger Delta
		OML 79	JVC	30.11.2008	Niger Delta
79	SOUTH ATLANTIC PET. LTD.	OML 130	SR	24.04.2025	Niger Delta
80	STATOIL	OML 128 (former OPL 217)	PSC	27.12.2024	Niger Delta
		OML 129 (former OPL 218)	PSC	27.12.2024	Niger Delta
81	SUMMIT OIL INT.	OML 142 (former OPL 205)	SR	11.06.2029	Anambra Basin
		OPL 206	SR	19.01.14	Anambra Basin
82	SUNLINK PETROLEUM	OML 144 (former OPL 238)	SR	01.05.33	Continental Shelf
83	STERLING GLOBAL	OML 146 (former OPL 277)	PSC	24.10.34	Niger Delta
84		OML 143 (former OPL 280)	PSC	28.12.30	Niger Delta
85		OPL 2005	PSC	29.04.19	Onshore

86		OPL 2006	PSC		Onshore
87		OPL 2004 (Former OML 13 )	PSC	Yet to sign PSC	Niger Delta
88	TENOIL/CLAYFORD	OPL 2008	PSC	25.05.2016	Continental Shelf
89	TRANSNATIONAL CORPORATION	OPL 281	PSC	May-24	Continental Shelf
90	YINKA FOLAWIYO PET.	OML 113	SR	31.5.2018	Niger Delta
91	YORKSHIRE ENERGY WORLD LTD	OPL 258		Yet to pay Signature Bonus	Deep Offshore
		OPL 295			Deep Offshore
92	ZEBBRA ENERGY LIMITED	OPL 248	PSC	Jun-19	Deep Offshore

**Distribution of Nigerian Concession by Lease Contract Type (2014)**



Source DPR

### **Allocated and Open Blocks**

S/N	BASIN / TERRAIN	ALLOCATED	OPEN	TOTAL NO. OF BLOCKS
1	NIGER DELTA & BENIN (DEEP OFFSHORE)	40	54	94
2	NIGER DELTA (CONTINENTAL SHELF)	51	6	57
3	NIGER DELTA (ONSHORE)	67	5	72
4	ANAMBRA (INLAND) BASIN	7	12	19
5	BENIN (INLAND) BASIN	3	6	9
6	CHAD (INLAND) BASIN	7	39	46
7	BENUE (INLAND) BASIN	2	41	43
8	SOKOTO (INLAND) BASIN	0	28	28
9	BIDA (INLAND) BASIN	0	17	17

## Speculative Data Status – Multi Client Data Projects

S/N	Company	Project Name	Effective Date	Tenure (Yrs)	Terrain	Quantum
1	<b>PGS Nigeria Limited</b>	Mega Survey	2008	10	Shoreline to Ultra deep offshore	45,000 sq. km
		Multi-Client 3D Seismic	June 2009	10	Offshore	3,000 sq. km
		1999 MC3D	1999	10	Offshore	26,000 sq. km
		Brokerage (1999 MC3D datasets)	June 2009	5	Offshore	26,000 sq. km
2	<b>Sonar Limited</b>	Geopressure Study of the Niger Delta (Phase I)	September 2011	5	Onshore to offshore Niger Delta	
3	<b>Mabon Limited</b>	AR2, 2D Seismic & Geochemistry	June, 1991	August 1993	Continental shelf to Ultra Deep offshore	55,600 km
		AR3, 2D Seismic & Biostratigraphy				
		AR3 (ABCD), 2D Seismic & Gravity/Magnetics				
		AR3 infill/AR3F, 2D Seismic				
		AR 6				
		Niger Delta Regional Data Compilation (NDRDC)	2005	Expired	Onshore Niger Delta	7,600 km
		Nigerian Span I	2005	5	Entire offshore	4,800 km
		Nigerian Span II	2011	5		6,700 km
4	<b>Acorn Geophysical, UK</b>	CSEM/Seabed Logging	May 2005	10	Offshore blocks: OPLs 315, 321, 323, 325, 327, 257	
5	<b>Bilview Energy Services</b>	Interpretive Niger Delta Facies Atlas	July 2010	5	Entire Niger Delta onshore and offshore	
		Well Logs Data Digitization, Marketing & Sales	August 2011	5	Wells available on all basins	
6	<b>CGG Veritas</b>	Nigeria , Phi I & Phi II 2D, + UTMOST + AVO + Gravity+ Reprocessing	August 1998	5	Offshore	17,000 km
		Nigeria 3D: OPLs 324, 322, 317/318 & 251	January 2000	10	Offshore	11,000 sq. km
		Brokerage of Multi-Client 2D Seismic datasets	January 2010	5	Offshore	17,000 km
7	<b>Polarcus Nig. Ltd / Ashbert Ltd.</b>	Brokerage of Multi-Client 3D seismic datasets from CGG Veritas – Nigeria 3D: OPLs 324, 322, 317/318 & 251	April 2011	5	Offshore	11,000 sq. km

		Creating Additional Value And Revenue From Existing Seismic Data And For New Opportunities For The 2D & 3D Speculative Surveys In Nigeria (OPLs 251, 318, 325, 328, 334, 340, 327, 329, 330, 331)	December 2010	5	Offshore	Not yet acquired
8	<b>TDI-BROOKS</b>	Surface Geochemical Exploration and heat flow studies	August 2005	Expired	Offshore	
9	<b>Danvic Concepts Int'l Nigeria Limited</b>	Non-Exclusive Geophysical Data Services Onshore, Shallow Water And Deep Offshore Nigeria	February 2011	5	Offshore	Not yet acquired
10	<b>Delta Plus (Nigeria) Ltd.</b>	Management, Acquisition and Processing of Data in conjunction with New Licensing Rounds	September 2012	10	Offshore	Not yet acquired
11	<b>WLL Hydroservices</b>	Integrated Basinal Studies In Offshore Benin Basin (Lagos/Ogun) Embayment	March 2009	10	Onshore & Offshore Benin Basin	Not yet acquired

### Nigerian Oil and Gas Reserves – January 2015

Oil Reserves (MMbbls)	Natural Gas Reserves (TCF)		
	Associated Gas, AG	Non Associated Gas, NAG	Total Gas
2010	36,532.97	92.95	89.87
2011	36,247.41	92.60	90.15
2012	37,139.10	88.05	92.68
2013	37,070.83	88.60	91.73
2014	37,448	90.09	97.90
			182.82
			182.75
			180.72
			180.32
			187.99

\* All Reserves above are as at 1<sup>st</sup> January of the following year

### Nigerian Oil and Gas Reserves – January 2014

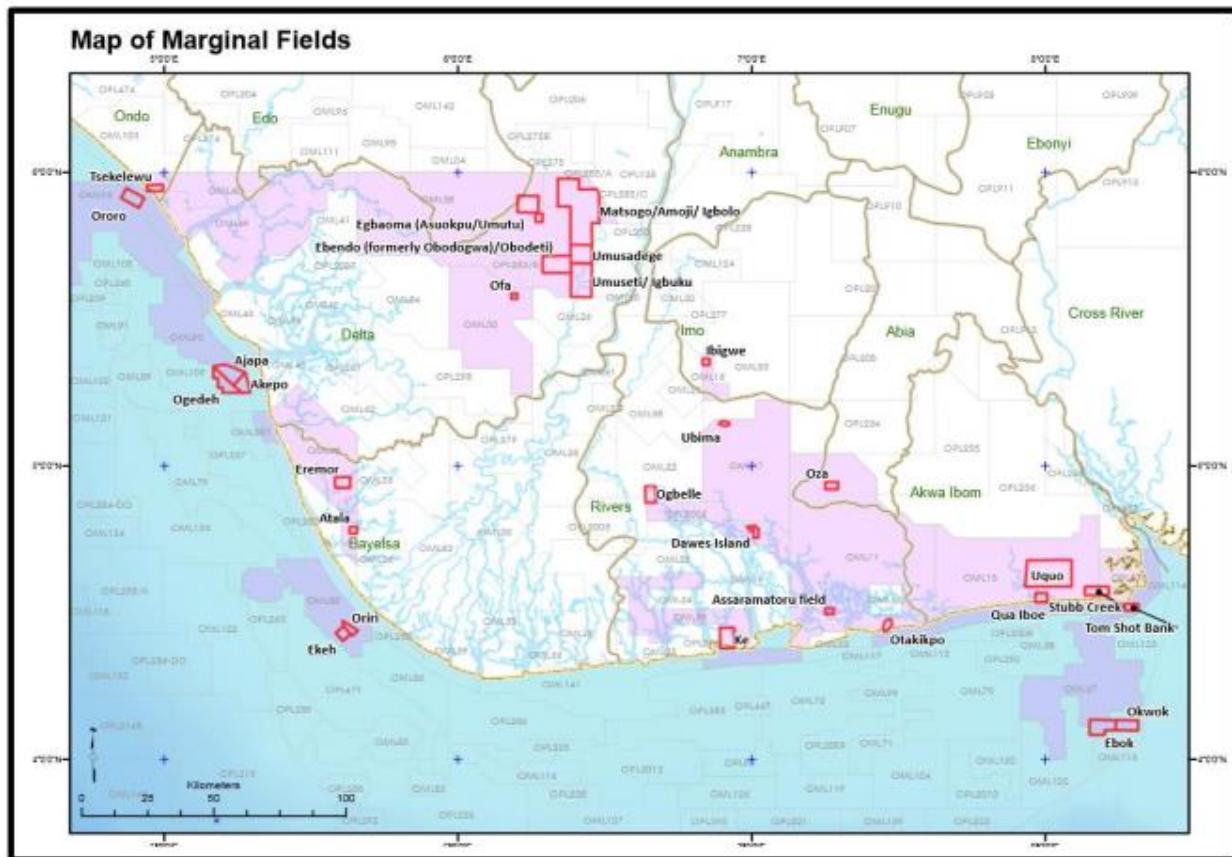
Oil Reserves (MMbbls)	Natural Gas Reserves (TCF)		
	Associated Gas, AG	Non Associated Gas, NAG	Total Gas
2010	36,532.97	93.121	90.700
2011	36,247.41	92.945	89.872
2012	37,139.10	90.661	92.498
2013	37,070	92.529	89.729
			183.821
			182.817
			183.159
			182.258

\* All Reserves above are as at 1st January of the year.

### Marginal Fields Status

S/N	FIELD NAME	LOCATION (OML)	COMPANY NAME
1	Ogbele	54	Niger Delta Petroleum Resources Ltd
	Omerelu	53	
2	Asaramaroru	11	Prime Exploration & Product. (Operator)
			Suffolk Petroleum Limited
3	Okwok	67	Oriental Energy
	Ebok	67	
4	Stubb Creek	13 / 14	Universal Energy
5	Dawes Island	54	Eurafric Energy Limited
6	Umusati/Igbuku	56	Pillar Oil Limited
7	Atala	46	Bayelsa Oil Company Ltd
8	Ekeh	88	Movido E&P
9	Ogedeh	90	Bicta Energy
10	Ororo	95	Guarantee Petroleum (Operator)
			Owena Oil & Gas
12	Egbaoma (Ex Asuokpu/Umutu )	38	Platform Petroleum Ltd
13	Amoji /Matsogo / Igbolo	56	Chorus Energy
14	Akepo	90	Sogenal Limited
15	Oza	11	Millenium Oil and Gas
16	Ajapa	90	Britannia U-Nig
17	Qua Ibo	13	Network E&P
18	Ibigwe	16	Waltersmith Petroman (Operator)
			Morris Petroleum
19	Umusadege	56	Midwestern Oil and Gas
			Suntrust Oil Company
21	Ofa	30	Independent Energy Ltd
22	KE	55	Del Sigma
23	Tom Shot Bank	14	Associated Oil and Gas (Operator)
			Dansaki Petroleum Ulimited
24	Uquo	13	Frontier Oil Ltd
25	Ebendo/Obodeti (Ex Obodugwa /Obodeti)	56	Energia Limited (Operator)
			Oando Production and Development Ltd
26	Oriri	88	Goland Petroleum Dev.Co Limited
27	Eremor	46	Excel Exploration & Producton
28	Tsekelewu	40	Sahara Energy (Operator)
			African Oil & Gas Company Limited
29	Otakikpo	11	Green Energy International Limited
30	Ubima	17	All Grace Energy

## Marginal Field Map, 2002-2004



### Exploration Activities – Seismic Data Acquisition

		LAND	OFFSHORE	DEEP OFFSHORE	TOTAL
2010	3-D, SQ.KM	1,300.94	841.28	2,672.79	4,815.01
	2-D, KM	-	-	-	-
2011	3-D, SQ.KM	638.27	1,127.59	-	1,765.86
	2-D, KM	-	278.43	-	278.43
2012	3-D, SQ.KM	1,913.00	568.24	1,742.29	4,223.53
	2-D, KM	-	-	-	-
2013	3-D, SQ.KM	1,588.08	1,690.24	961.81	4,240.13
	2-D, KM	-	-	-	-
2014	3-D, SQ.KM	804.35	2,833.03	572	4,209.38

### Drilling and Well Completion

	ONSHORE	OFFSHORE	DEEP OFFSHORE	TOTAL
2010	30	62	15	107
2011	44	64	12	120
2012	74	65	15	154
2013	59	61	30	150
2014	49	50	43	142
Total	256	302	115	673

### Wells Drilled by Contract and Class (2014)

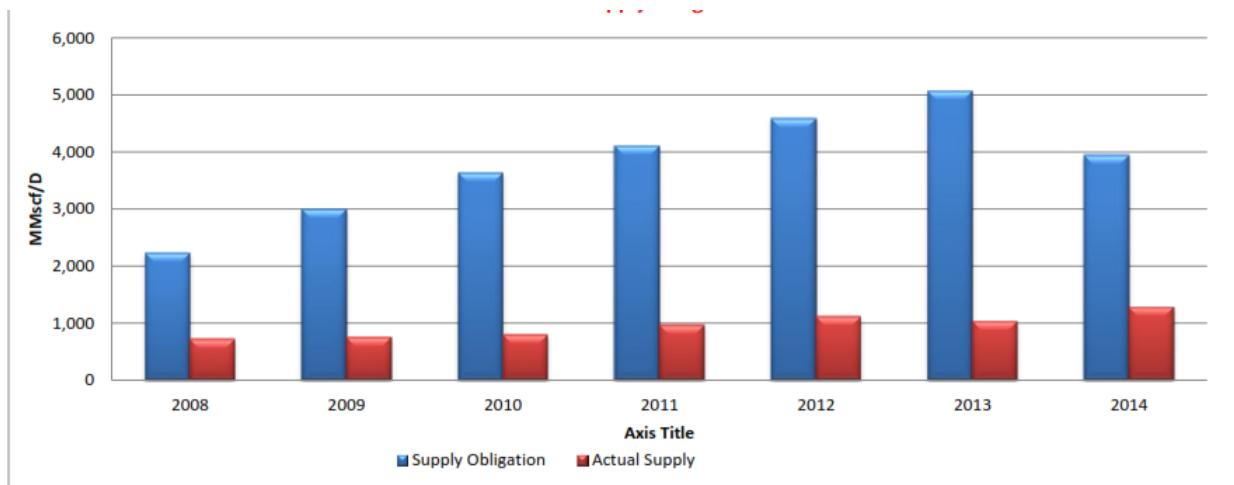
	EXPLORATORY	APPRAISAL (1 <sup>ST</sup> & 2 <sup>ND</sup> )	ORDINARY APPRAISAL	DEVELOPMENT	TOTAL
JVC	0	0	3	19	22
PSC	3	3	5	58	69
SR	1	2	2	31	36
MF	0	1	1	13	15
Total	4	6	10	120	142

### Number of Wells Drilled by Class

	EXPLORATORY	APPRAISAL (1 <sup>ST</sup> & 2 <sup>ND</sup> )	ORDINARY APPRAISAL	DEVELOPMENT	TOTAL
<b>2010</b>	4	4	9	90	<b>107</b>
<b>2011</b>	4	3	7	106	<b>120</b>
<b>2012</b>	2	8	15	129	<b>154</b>
<b>2013</b>	3	9	26	112	<b>150</b>
<b>2014</b>	4	8	10	120	<b>142</b>
<b>Total</b>	<b>17</b>	<b>32</b>	<b>67</b>	<b>557</b>	<b>673</b>

### GAS

#### Domestic Gas Supply Obligation Performance



This figure depicts the combined performance of Industry in the Domestic Gas supply Obligation placed on Operators over the 2008-2014 time frame in line with the provisions of the Nigerian Domestic Gas Supply and Pricing Regulations (NDGSR), 2005. The plots shows increasing National Obligation from 2,231 in 2008 to 5,073 MMSCFD in 2013 in line with the projected National Gas Demand for the Strategic Power, Industrial and Commercial sectors at the time . The National DSO for the following period (2014-2018) was thereafter re-calibrated by the Department based on several variables and inputs from the Gas Aggregation Company of Nigeria. This is responsible for the reduction of the National DSO to 3.94 BSCFD in 2014; which will progressively increase to 6.38 BSCFD by 2018. On the average, only about 950 MMSCFD was supplied during the review period with an annual performance ranging between only 20 and 35 Per cent as shown in Table below.

The supply short-fall from operators is as a result of a number of issues spanning lack of commitment of Gas Producers, preference of producers for export market, inadequate pipeline infrastructure, slippages

in project execution, budget constraints, failure of commercial negotiations, failure of swap deals, and non-readiness of off take plants, amongst others.

**Table 0-1 2014 Domestic Gas Supply Obligation From 2014-2018 for E&P Companies**

Gas producers	2014 DSO@ 3.9 BSCFD	2015 DSO @ 4.4 BSCFD	2016 DSO @ 5.9 BSCFD	2017 DSO @ 6.2 BSCFD	2018 DSO @ 6.4 BSCFD
<b>Chevron JV</b>	500	500	700	700	700
<b>SPDC JV</b>	550	750	820	830	1000
<b>NAOC JV</b>	300	350	480	550	550
<b>EXXON MOBIL JV</b>	400	400	800	800	800
<b>TEPNL JV</b>	250	280	340	400	400
<b>NPDC</b>	700	800	900	900	900
<b>PAN OCEAN</b>	20	20	20	30	40
<b>SEPLAT</b>	150	210	250	350	350
<b>MONIPULO</b>	11	13	15	20	30
<b>NIGER DELTA</b>	5	7	8	0	10
<b>PLATFORM</b>	20	23	27	30	40
<b>FRONTIER</b>	7.5	9	10	12	15
<b>UNIVERSAL</b>	5	7	7	8	8
<b>AMNI</b>	8	8	10	12	15
<b>CONSOLIDATED</b>	5	6	7	8	9
<b>CONTINENTAL</b>	5	5	6	7	8
<b>BRITTANIA-U</b>	1	1	0.7	1	1
<b>DUBRI</b>	3	4	4	5	5
<b>NNPC PSC</b>	1000	1000	1500	1500	1500
<b>TOTAL</b>	<b>3940.5</b>	<b>4393</b>	<b>5904.7</b>	<b>6172</b>	<b>6381</b>

## Appendix 0-49 Nigerian Gas Infrastructure – Major Gas Facilities

S/N	OPERATING COMPANY	FACILITY	TYPE	LOCATION	TERRAIN	DATE COMMISSIONED / INSTALLED	DESIGNED CAPACITY (mmscf/d)	OPERATING CAPACITY (mmscf/d)
1	ADDAX	Izombe Gas Plant	Gas Lifting (Old Plant)	Izombe (OML 124)		1984	16,78 @ 3500 psi	13,52 @ 3500psi
2		Izombe Gas Plant	Gas Lifting/ Flare Down Purpose (New Plant)	Izombe (OML 124)		Dec. 3, 2009	48 @ 3500psi	32 @ 3500psi
3	CHEVRON	EGP 1	Gas Plant	Escravos		May 1997	165	120-135
4		EGP2	Gas Plant	Escravos		April 1999	120	100
5		EGP3	Gas Plant	Escravos		April 2010	395	375-380
6		Okan GGCP	Gas Gathering and Compression	Okan Field south Offshore Area	OFFSHORE	May 1997	265	263\ (240 to EGP; 23 to GL)
7		Meji GGCP	Gas Gathering and Compression	Meji field South Offshore Area	OFFSHORE		70	65
8		Meren Gas Compression platform	Gas Gathering and Compression	Meren 1 North offshore area	OFFSHORE	April 1000	24	21,527
11	EXXONMOBIL	Erha FPSO	Gas Compression	Erha FPSO	DEEP OFFSHORE	March 2006	340	360
12		Erha FPSO	Gas Turbine Generator	Erha FPSO	DEEP OFFSHORE	March 2006	20	20
13		Oso NGL Extraction RX Platform	NGL Extraction	Oso	OFFSHORE		600 mm scfd	
14		EAP RX	NGL Extraction	EAP Field	OFFSHORE		610 mm scfd	
15		Bonny River Terminal I and II	NGL	Bonny			85 KBD NGL	
16	NAOC	Obiafu / Obriocom Gas Plant	Gas Treatment Plant	Omoku Rivers State	LAND	1985	1200	890
17		Kwale Gas Plant	Gas & Oil Processing Plant	Kwale Delta State	LAND	1985	375	252
18	NPD C	Afiesere NGC compressor station	Compressor station	AFIESERE	SWAMP	-	8	Non Operational

19	NPD C	Afiesere Gas lift compressor station	Compressor station	AFIESERE	SWAMP	1997	21	8
20		EGWA 1 FS Booster compressor station	Compressor station	EGWA	SWAMP	2002	10	Non Operational
21		EGWA 2 FS Booster compressor station	Compressor station	EGWA	SWAMP	2002	10	Down
22		Eriemu NGC compressor station	Compressor station	ERIEMU	LAND	2002	10	Non Operational
23		Jones creek NGC compressor station	Compressor station	JONES CREEK	SWAMP	-	18	Non Operational
24		Kokori NGC Compressor station	Compressor station	KOKORI	LAND	-	8	Non Operational
25		Odidi AGG Plant	AGG Plant	ODIDI	SWAMP	2001	80	Non Operational
26		Odidi NGC Compressor station	Compressor station	ODIDI	SWAMP	-	18	Non Operational
27		Olomoro Oleh NGC Compressor Station	Compressor Station	OLOMORO-OLEH	LAND	-	3.3	Non Operational
28		Oweh NGC Compressor Station	Compressor Station	OWEH	LAND	-	5.5	Non Operational
29		Ughelli East NAG Plant	NAG Plant	UGHELLI EAST	LAND	1966	150	90
30		Utorogu NAG Plant	NAG Plant	UTOROGU	LAND	1988	360	360
31		Utorogu NGC Compressor Station	Compressor Station	UTOROGU	LAND	2004	7	7
32		Uzere West NGC Compressor Station	Compressor Station	UZERE WEST	LAND	-	10	Non Operational

33	SEPLAT	Oredo Gas Handling Plant	Processing Plant	Oredo	LAND	Q2 2010	100	
34		Egbema West AG Solution Plant	Processing Plant	Egbema West	LAND	Q1 2011	6	
35		Oben NAG Plant	NAG Plant Oben	OBEN	LAND	1982	90	90
36		Oben NGC Compressor Station	Compressor station	OBEN	LAND	-	16	16
37		Sapele NAG Plant	NAG Plant	SAPELE	LAND	1978	120	120
38		Sapele NGC Compressor Station	Compressor Station	SAPELE	LAND	2003	24	24
39		Akpo	FPSO	OML 130	DEEP OFFSHORE	March 2009	530	485 - 570
40		Agbada AGG Plant	AGG Plant	AGBADA	LAND	2002	58	58
41		Agbada 1 FS Booster compressor station	Compressor station	AGBADA		2002	12	12
42		Alakiri NAG Plant	NAG Plant	ALAKIRI	SWAMP	1987	120	120
43	SPDC	Awoba AGG Plant	AGG Plant	AWOBA	SWAMP	2004	50	Non Operational
44		Batan FS Booster compressor station	Compressor station	BOTAN	SWAMP	2002	10	Non Operational
45		Belema FS Booster compressor station	Compressor station	BELEMA	SWAMP	2002	12	12
46		Belema AGG Plant	AGG Plant	BELEMA NORTH	SWAMP	2002	55	55
47		Bonny NAG Plant	NAG Plant	BONNY	SWAMP	2002	450	450
48		Cawthorne Channel AGG Plant	AGG Plant	CAWTHORNE CHANNEL	SWAMP	2005	150	150
49		Ekulama 1 FS Booster compressor station	Compressor station	EKULAMA	SWAMP	2002	12	12

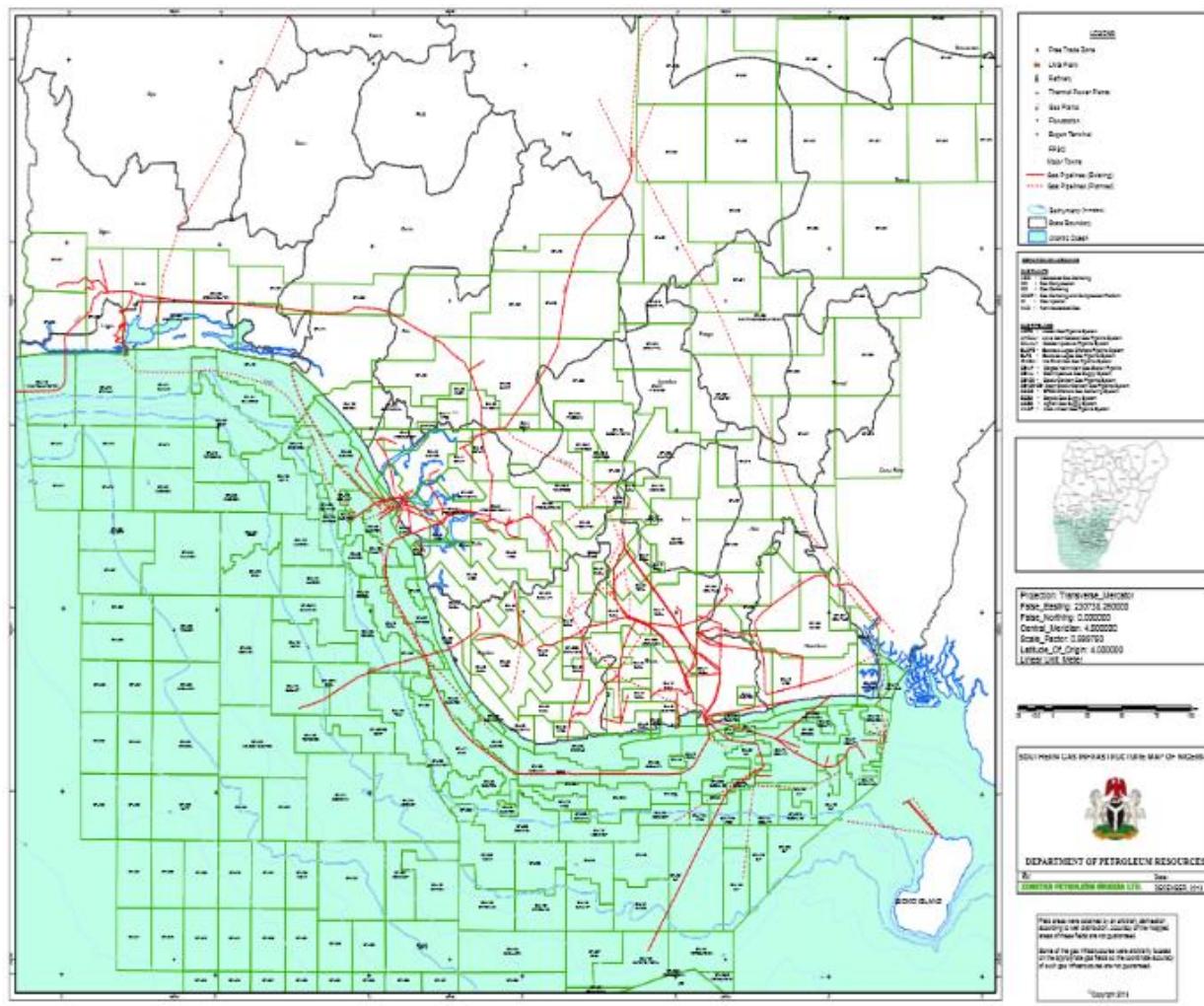
50	Niger Delta	Ekulama 2 FS Booster compressor station	Compressor station	EKULAMA	SWAMP	2002	12	12
51		Escravos Beach FS NGC compressor station	NGC compressor station	ESCRAVOS	SWAMP	-	18	Non Operational
52		Gbaran Central Processing Facility	Integrated Oil and Gas Facility	GBARAN	LAND		1 BSCF	
53		Imo River 2 FS Booster compressor station	compressor station	IMO RIVER	LAND	2002	12	12
54		Imo River 3 FS Booster compressor station	Compressor station	IMO RIVER	LAND	2002	12	12
55		Imo River AGG Plant	AGG Plant	IMO RIVER 1	LAND	2002	65	65
56		Krakama FS Booster compressor station	AGG Plant	KRAKAMA	SWAMP	-	5	Not Commissioned
57		Nembe Creek 1 FS Booster compressor station	Compressor station	NEMBE CREEK	SWAMP	2001	10	4
58		Nembe Creek 2 FS Booster compressor station	Compressor station	NEMBE CREEK	SWAMP	2001	10	4
59		Nembe Creek 3 FS Booster compressor station	Compressor station	NEMBE CREEK	SWAMP	2001	5	4
60		Nembe Creek 4 FS Booster compressor station	Compressor station	NEMBE CREEK	SWAMP	2001	5	4
61		Nkali FS Booster compressor station	Compressor station	NKALI	LAND	2003	12	12
62		Obigbo North AGG Plant	AGG Plant	OBIGBO NORTH	LAND	1989	54	54

63		Obigbo North NAG Plant	NAG Plant	OBIGBO NORTH	LAND	1984	90	45
64		Odeama Creek FS Booster compressor station	Compressor station	ODEAMA CREEK	SWAMP	-	5	Not Commissioned
65		Oguta Gas Injection Plant	Gas Injection Plant	OGUTA	LAND	Recommissioned 2004	40	13
66		Okoloma NAG Plant	NAG Plant	OKOLOMA	SWAMP	2008	240	240
67		Santa Barbara FS Booster compressor station	Compressor Station	SANTA BARBARA	SWAMP	2001	8	8
68		Soku FS Booster compressor station	Compressor Station	SOKU	SWAMP	2002	5	5
69		Soku NLNG Gas Supply Plant	AG/NAG Plant	SOKU	SWAMP	1999	1100	1100
70	TOTAL	Amenam kpono AG Plant			OFFSHORE			
71		Obite AG Plant		Obite – Obagi	LAND			

### Liquefied Natural Gas (LNG) Plant Report – LNG Plant Details

S/N .	OPERATING COMPANY	FACILITY	TYPE	LOCATION	DATE COMMISSIONED / INSTALLED	DESIGNED CAPACITY (mmscf/d)	OPERATING CAPACITY (mmscf/d)
1	NLNG	Train 1	LNG Liquefaction Train	Bonny	Feb. 2000	512	318
2		Train 2	LNG Liquefaction Train	Bonny	Aug. 1999	512	379
3		Train 3	LNG Liquefaction Train	Bonny	Nov. 2002	512	128
4		Train 4	LNG Liquefaction Train	Bonny	Nov. 2005	647	313
5		Train 5	LNG Liquefaction Train	Bonny	Feb. 2006	647	403
6		Train 6	LNG Liquefaction Train	Bonny	Dec. 2007	647	231

## Gas Pipeline Network Status



## 2014 Spill Incidence Report

Month	Number of Spills by Causes							Total number of spills	Volume spilled(BBLs)
	Natural accident	Corrosion	Equipment Failure	Sabotage	Human Error	YTBD	Mystery		
January	0	6	5	86	1	17	2	117	384.95
February	0	5	4	67	0	20	4	100	168.26
March	0	3	7	63	1	21	3	98	269.91
April	1	4	9	98	2	15	5	134	465.15
May	2	1	8	90	0	13	3	117	690.42
June	1	7	7	49	2	22	2	90	194.47
July	1	5	21	53	1	19	3	103	711.79
August	1	4	8	50	0	9	2	74	1578.86
September	1	0	8	55	0	11	2	77	159.14
October	0	1	8	22	1	12	1	45	427.60
November	5	4	6	39	0	17	5	76	5224.36
December	0	2	3	36	0	13	2	56	27.25
Total	12	42	94	708	8	189	34	1087	10,302.16

Source DPR

- **Natural Accident:** Spills caused by natural disasters/events such as flooding, extreme weather
- **Corrosion:** Spills caused by corrosion of pipelines, vessels, tanks and other crude oil handling installations.
- **Equipment Failure:** Spills caused by preventable failure of oil and gas installations/equipment
- **Sabotage:** Spills caused by third party intervention. This also includes cases of vandalism and crude oil theft that may not have resulted to hydrocarbon release to the environment.
- **Human Error:** Spills caused by operational errors involving a human interface.
- **YTBD (Yet-to-be-determined):** The cause(s) of the spill(s) were not reported in the submitted oil spill reporting forms.
- **Mystery:** Spills identified or reported by operators who assert that the spill did not originate from their facilities. The origin of the spill is thus said to be inconclusive. Usually the operator is expected to take reasonable steps to respond to the spill in addition to the reporting of same.

## Appendix 0-50 Licensed Gas Processing Projects

S/N	OWNERSHIP	PLANT SITE	PLANT CONFIGURATION	LICENSE GRANTED	PROJECT DESCRIPTION	CAPACITY	CURRENT STATUS	CONTACT ADDRESS
1	GREENVILLE LNG	Rumuji, Emuoha, Rivers state	Liquefied Natural Gas	License to establish (LTE) & Approval to construct (ATC)	2 trains of 0.25 MTPA LNG liquefaction units, storage and distribution terminal	80 (2 x 40) mmscf/d	Detailed engineering approval/ATC granted	26, <i>Mamman Nasir street,</i>  <i>Asokoro, F.C.T.,</i>
2	PNG GAS LIMITED	Umutu (Egbaoma a),  Delta state	Gas processing plant	Approval to Construct (ATC)	Process associated gas obtained from the Asuokpo/Umutu/Egbaoma flow station The revamp of the	30 mmscf/d	Detailed engineering approval/ATC granted	293, <i>Akin Olugbade Street,</i>  <i>Victoria island,</i>  <i>Lagos state</i>
3		Forcados, Delta State						162, <i>Bambose Street,</i> <i>Lagos Island,</i> <i>Lagos.</i>
4	QUANTUM METHANOL	Eket, Akwa Ibom State	Methanol plant	-	3000 MTPD Methanol plant for export from natural gas from QIT	3000 MTPD methanol	Conceptual design approval granted	12 <sup>th</sup> Floor, 2 Ajose Adeogun Street, Victoria Island, Lagos

## Appendix 0-51 Refinery Projects

S/N	OWNERSHIP	PLANT SITE	PLANT CONFIGURATION	LICENSE GRANTED	PROJECT DESCRIPTION	CAPACITY (BPSD)	CURRENT STATUS
1	<b>Amakpe International Refinery Inc.</b>	Eket, Akwa Ibom State	Hydro-skimming plant	ATC (revalidated Dec. 2007)	Modular plant capable of producing PMS, HHK, AGO, and LPFO.	12,000	- Fabricated process units were inspected certified fit but were not shipped to Nigeria.
2	<b>Resource Petroleum &amp; Petrochemicals International Incorporated</b>	Ibeno, Akwa Ibom State	Complex conversion (cracking) refinery	ATC (revalidated in 2015)	Conventional plant capable of producing transportation fuels PMS, HHK, AGO; and heating oil LPFO.	100,000	-Signed contract with Foster Wheeler France and Axens for FEED.
3	<b>Hi Rev Oil Limited</b>	Utapate, Akwa Ibom State	Hydro-skimming Plant, with provision for bottoms upgrading	Approval to Construct (ATC)	Modular 10,000 BPSD plants capable of producing PMS, HHK, AGO, and LPFO.	50,000	Detailed Engineering approval granted
4	<b>Azikel Petroleum Limited</b>	Obunaghia, Bayelsa State	Topping plant	Approval to Construct (ATC)	Modular plant capable of producing naphtha, kerosene, diesel, and low pour fuel oil, and power.	12,000	Detailed Engineering approval granted
5	<b>Dangote Oil Refinery Company</b>	Lekki Free Trade Zone, lagos	Complex conversion (cracking) refinery	License to establish (LTE)	Conventional plant capable of producing transportation fuels PMS, HHK, AGO; heating oils' LPFO, and petrochemicals.	500,000	FEED approval granted
6	<b>Omega-Butler Refineries (Nig.) Limited</b>	Ikpokiri, Rivers State.	Hydro-skimming plant	License to establish (LTE)	Modular plant capable of producing PMS, HHK, AGO, and LPFO.	20,000	Project yet to commence
7	<b>Kainji Resources Limited</b>	Oguta, Imo State	Hydro-skimming plant	License to establish (LTE)	Modular plant capable of producing PMS, HHK, AGO, and LPFO.	24,000	Request for ATC being processed
8	<b>Masters Energy Oil &amp; Gas Limited</b>	Rumolumeni, Rivers State	Hydro-skimming plant	License to establish (LTE)	Modular plant capable of producing PMS, HHK, AGO, and LPFO.	30,000	Project yet to commence

9	<b>Cross Country Oil &amp; Gas Limited</b>	Obile, Imo State	Hydro-skimming plant	License to establish (LTE)	Modular plant capable of producing PMS, HHK, AGO, and LPFO.	20,000	Project yet to commence
10	<b>Waltersmith Refining &amp; Petrochemical Company Limited</b>	Ibigwe, Imo State	Topping plant	License to establish (LTE)	Modular plant capable of producing naphtha, kerosene, diesel, and low pour fuel oil.	5,000	Project yet to commence
11	<b>Grifon Energy Limited</b>	Ipoke, Ondo State	Topping plant, with provision to adding catalytic reforming.	License to establish (LTE)	Modular plant capable of producing naphtha, kerosene, diesel, and low pour fuel oil.	10,000	Project yet to commence
12	<b>Sifax Oil &amp; Gas Company Limited</b>	Snake Island, Lagos	Hydro-skimming Plant modules with provision for bottoms upgrading (cracking)	License to establish (LTE)	Modular 30,000 BPSD plants capable of producing PMS, HHK, AGO, and LPFO.	120,00	Project yet to commence
13	<b>Capital Oil &amp; Gas Industries Limited</b>	Snake Island, Lagos	Hydro-skimming Plant modules with provision for bottoms upgrading (cracking)	License to establish (LTE)	Modular 30,000 BPSD plants capable of producing PMS, HHK, AGO, and LPFO.	100,000	Project yet to commence
14	<b>Alteo Energy Resources Limited</b>	Ajagbodudu, Delta State	Hydro-skimming Plant modules with provision for bottoms upgrading (cracking)	License to establish (LTE)	Modular 30,000 BPSD plants capable of producing PMS, HHK, AGO, and LPFO.	100,000	Project yet to commence
15	<b>RG ShinJin Petrochemicals Limited</b>	Koko, Delta State	Hydro-skimming plant	License to establish (LTE)	Modular plant capable of producing naphtha, kerosene, diesel, and low pour fuel oil.	10,000	Project yet to commence
16	<b>Epic Refinery &amp; Petrochemical Industries Limited</b>	Oporoma, Bayelsa State	Conversion (cracking) plant to be built in modules with provision for bottoms upgrading	License to establish (LTE)	Modular 30,000 BPSD plants capable of producing PMS, HHK, AGO, and LPFO.	107,000	Project yet to commence
17	<b>Frao Oil Nigeria Limited</b>	Uzere, Delta State	Hydro-skimming	License to establish (LTE)	Modular plant capable of producing PMS,	12,000	Project yet to commence

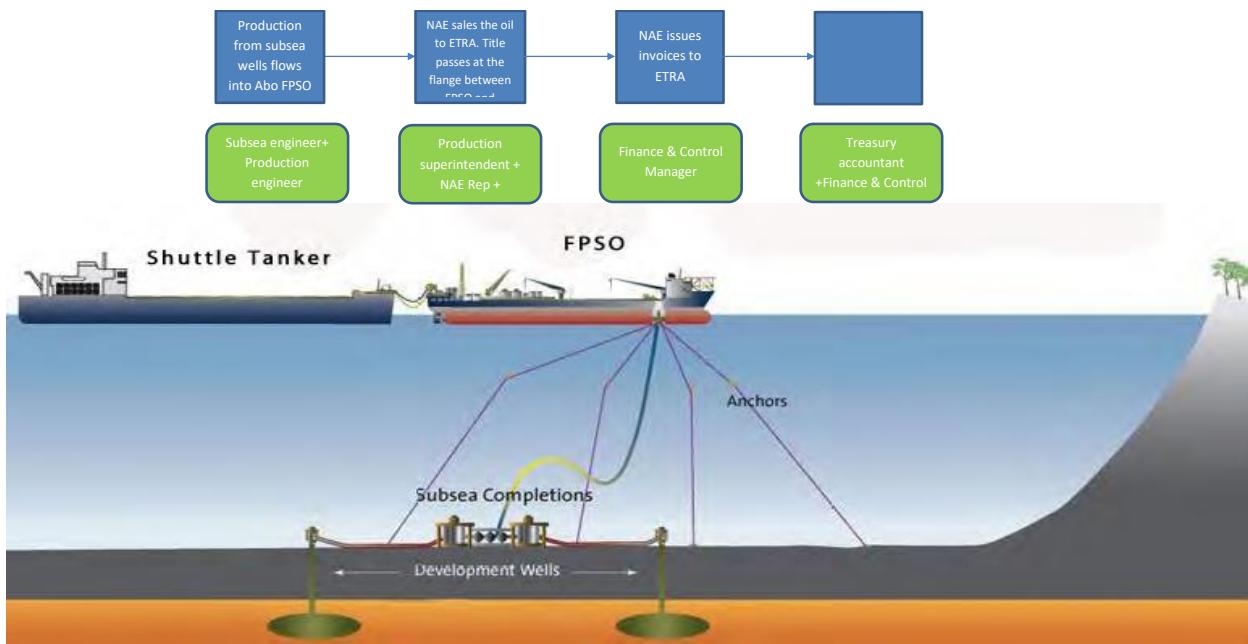
			plant		HHK, AGO, and LPFO.		
18	All Grace Energy Limited	Ubima, Rivers State	Topping plant	License to establish (LTE)	Modular plant capable of producing naphtha, kerosene, diesel, and low pour fuel oil.	5,000	Project yet to commence
19	Green Energy International Limited	Otakikpo, Rivers State	Topping plant	License to establish (LTE)	Modular plant capable of producing naphtha, kerosene, diesel, and low pour fuel oil.	5,000	Project yet to commence
20	Petrolex Oil & Gas Limited	Ibefun Ijebu, Ogun State	Conversion (cracking) plant	License to establish (LTE)	Traditional-in-place plant capable of producing PMS, HHK, AGO, and LPFO.	107,000	Project yet to commence
21	Clairgold Oil & Gas Engineering Limited	Koko, Delta State	Hydro-skimming plant	License to establish (LTE)	Modular plant capable of producing naphtha, kerosene, diesel, and low pour fuel oil.	10,000	Project yet to commence
22	Fresh Energy Limited	Igbomotoru, Bayelsa State	Topping plant	License to establish (LTE)	Modular plant capable of producing naphtha, kerosene, diesel, and low pour fuel oil.	10,000	Project yet to commence
23	Chyzob Oil & Gas Limited	Obuzor, Abia State	Topping plant	License to establish (LTE)	Modular plant capable of producing naphtha, kerosene, diesel, and low pour fuel oil.	10,000	Project yet to commence

## Appendix 0-52 Producing Companies and Production Systems

### Nigerian Agip Oil Company Limited (NAOC)

Production Arrangement	JV, PSC, SC
<b>License Type</b>	NAOC (JV) – OML 60, 61, 62 and 63 (Offshore) OPL 282 and 135 (Onshore)  AENR (SC) – OML 116  NAE (PSC) – OML 125 and 134
<b>Location(s)</b>	Agbara Field Abo Terminal Brass Terminal
<b>Parties involved</b>	NNPC OANDO
<b>Production System</b>	The produced crude oil at the respective locations are received at the terminal  Separated oil is channeled into the production tank while the water is been discharged and thereafter sent to the export line
<b>Custody Transfer point/Export point</b>	Export takes place at their export terminals
<b>Metering System</b>	Positive Displacement (PD) meters at the gathering station and tank farm.  Turbine Meters at export terminal.
<b>Reconciliation Parties</b>	DPR/NNPC/Weight & Measures Representative./Buyer's Inspector at export terminal  PD meters are proved monthly by DPR using the Prover Loop. The Prover Loop is calibrated annually using a Master Meter
<b>3<sup>rd</sup> Party Arrangements</b>	
<b>Timing of payment – Royalty, PPT</b>	30 days
<b>Reconciliation and Confirmation (monthly, quarterly, yearly)</b>	Yearly reconciliation by DPR

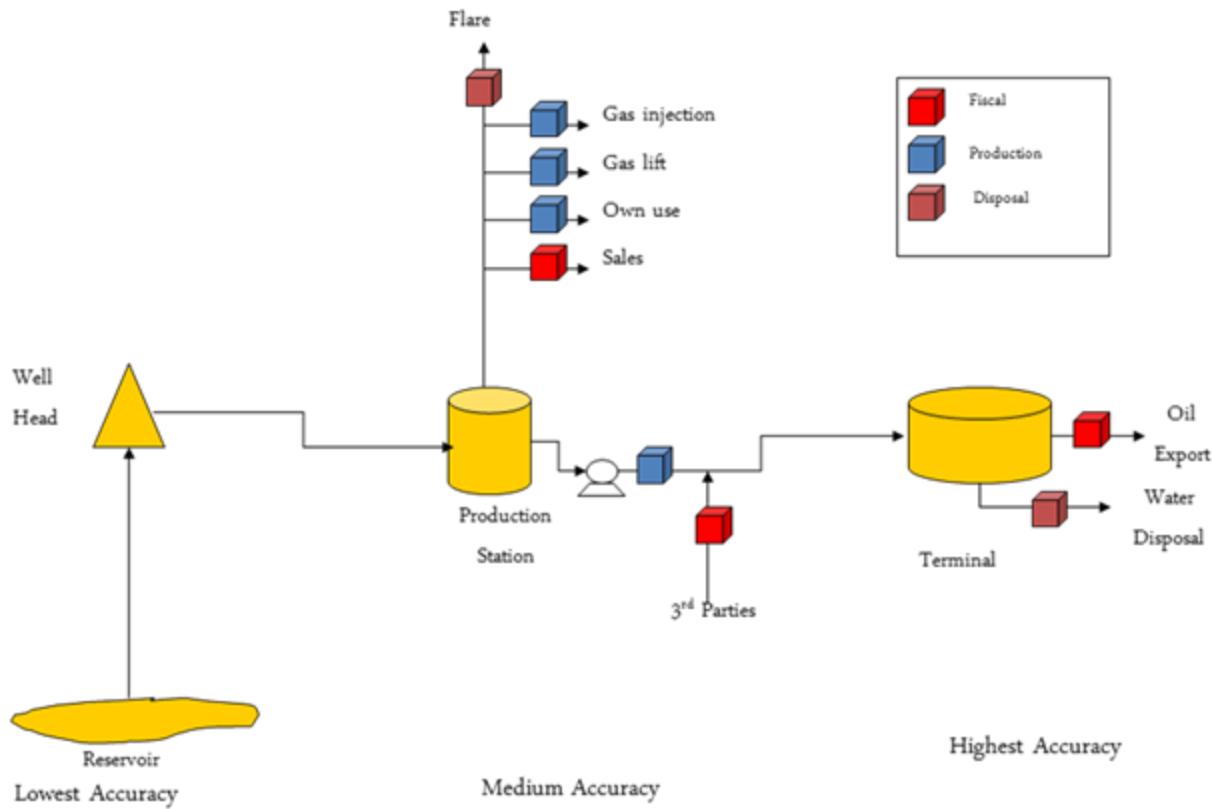
## Production Flow at Abo Terminal



**Shell Petroleum Development Company of Nigeria (SPDC)**

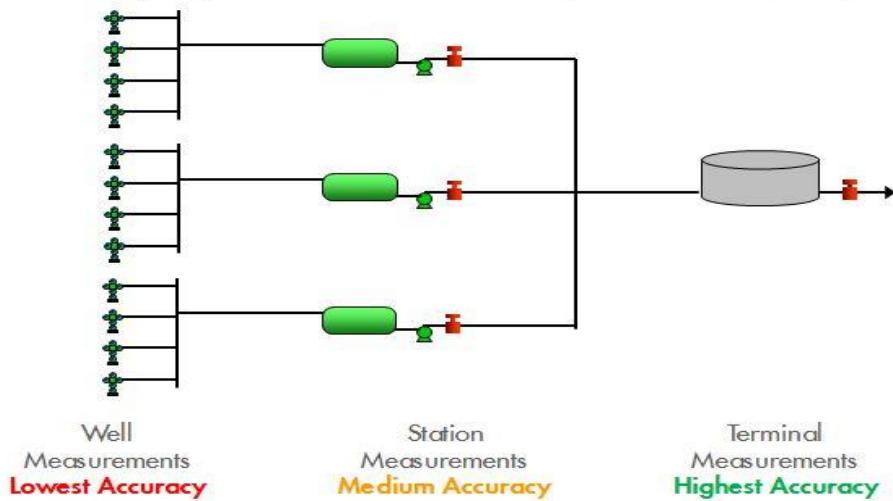
Production Arrangement	Joint Venture, PSC
<b>License Type</b>	SPDC (JV) – OML 43, 45, 46, 74, 77 and 79. SNEPCO (PSC) – OML 118 and 135
<b>Location(s)</b>	Bonny Oil & Gas Terminal Forcados Terminal Bonga FPSO Terminal Sea Eagle FPSO Terminal
<b>Parties involved</b>	NNPC TEPNG NAOC
<b>Production System</b>	The produced crude oil at the respective locations are received at the terminal  Separated oil is channeled into the production storage tank and thereafter sent to the export line.  At the Bonga FPSO, gas is being exported to NLNG through pipeline from the vessel.
<b>Custody Transfer point/Export point</b>	Export takes place at their export terminals
<b>Metering System</b>	LACT Unit at point of custody transfer  Prover Loop System  Turbine meters at export terminal.
<b>Reconciliation Parties</b>	Annual Calibration of Prover Loop System  End of the month and yearly fiscalisation
<b>3<sup>rd</sup> Party Arrangements</b>	NDPR WalterSmith EPNL Chevron
<b>Timing of payment – Royalty, PPT</b>	30 days
<b>Reconciliation and Confirmation (monthly, quarterly, yearly)</b>	Yearly reconciliation by DPR

## SPDC's production System Flow Diagram

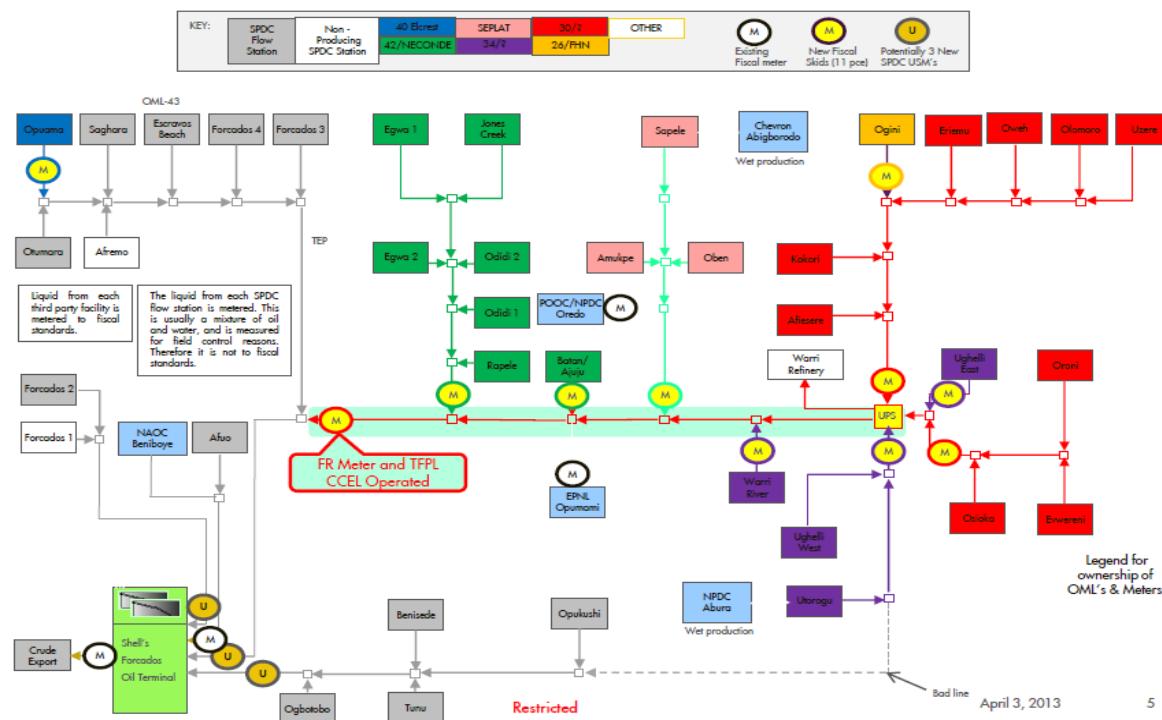


## DATA QUALITY

Data accuracy improves as fluids flow from the wells to the export points:



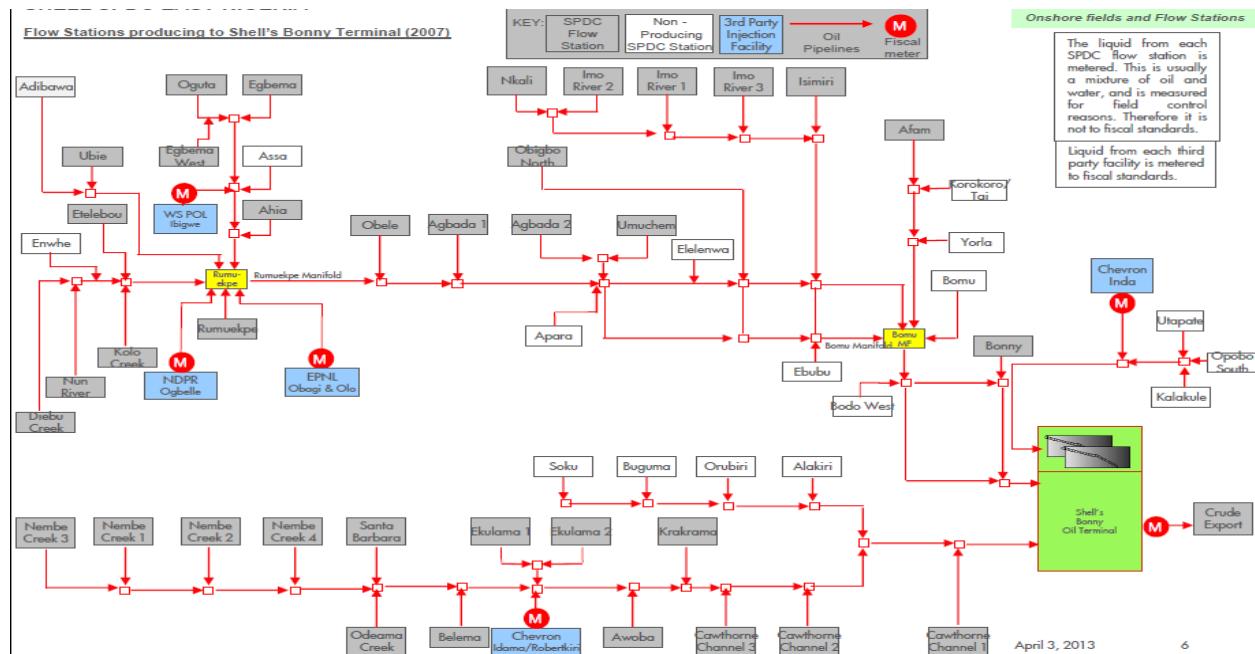
## **SPDC's West Pipeline Schematic**



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## **SPDC's East Pipeline Schematic**



April 3, 2013

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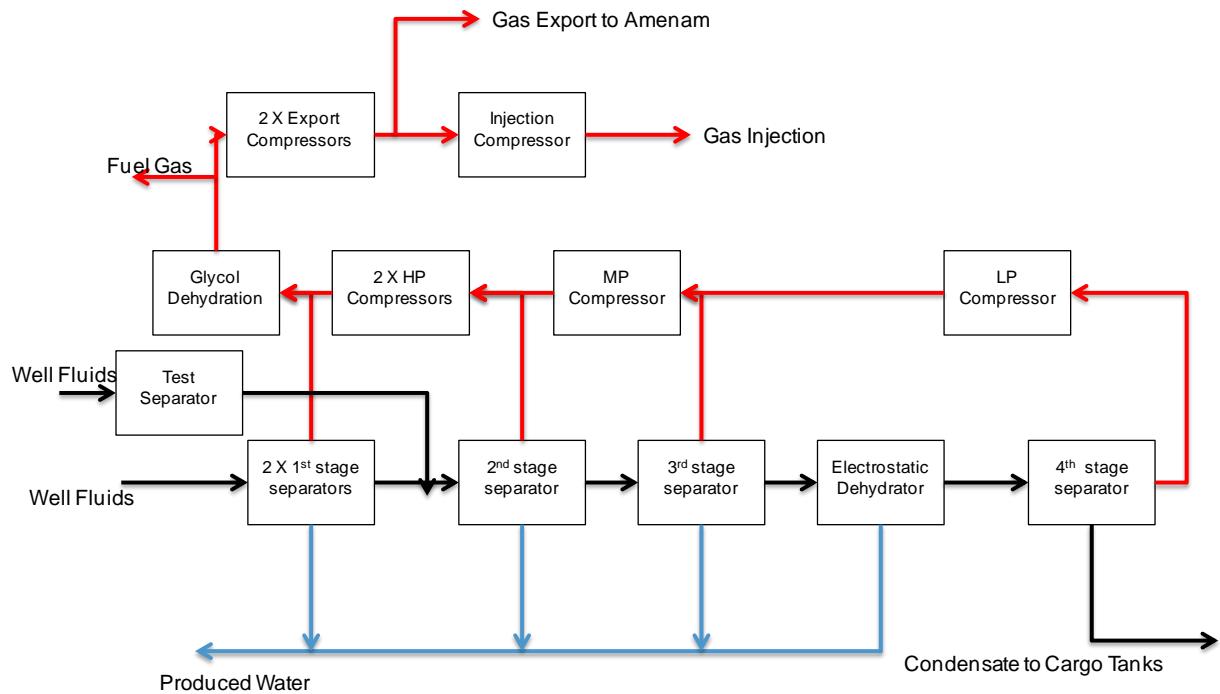
### Mobil Producing Nigeria Unlimited (MPNU)

Production Arrangement	JV, PSC
<b>License Type</b>	MPNU – OML 104, 67,68 and 70  Esso E&P – OPL 223
<b>Location(s)</b>	Qua Iboe Terminal Yoho FSO Terminal Usan FPSO Terminal Erha FPSO Terminal Bonny River Tank
<b>Parties involved</b>	NNPC
<b>Production System</b>	The produced crude oil from the various oil well head platforms are separated and gas re-injected  Separated oil is channeled into the export line.
<b>Custody Transfer point/Export point</b>	Custody transfer from other entities  Export takes place at their export terminals
<b>Metering System</b>	Daily tank measurement by dipping  Prover Loop System to prove all custody transfers  Turbine meters at export terminal.
<b>Reconciliation Parties</b>	DPR and NAPIMS at point of terminal each time product is loaded for export.  Meter used is certified by DPR
<b>3<sup>rd</sup> Party Arrangements</b>	Total E&P Nigeria Limited Chevron NEXEN
<b>Timing of payment – Royalty, PPT</b>	30 days
<b>Reconciliation and Confirmation (monthly, quarterly, yearly)</b>	Yearly reconciliation by DPR

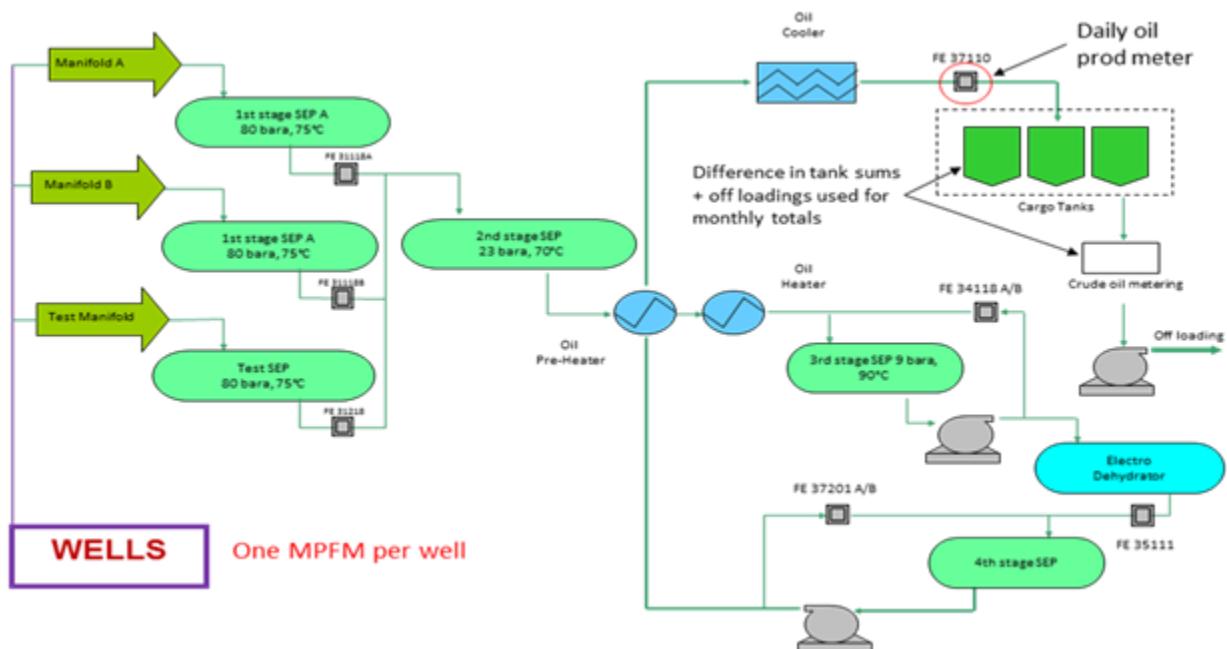
**Total Petroleum Nigeria Limited (TPNL)**

Production Arrangement	JV, PSC
<b>License Type</b>	JV – OML 99, 100, 102 and 58  PSC – OML 138, 139
<b>Location(s)</b>	Akpo FPSO Terminal Odudu/Anenam FSO Terminal
<b>Parties involved</b>	NNPC
<b>Production System</b>	The produced crude oil from OML 99, 102 are gathered at the GGF at OML 100 from where it is being separated and then channeled to the FSO terminal.  Separated oil form well heads is channeled into the AKPO FPSO terminal.
<b>Custody Transfer point/Export point</b>	Export takes place at their export terminals
<b>Metering System</b>	Daily oil production meter  LACT unit  Turbine meters at export terminal.
<b>Reconciliation Parties</b>	Meters used are being certified by DPR
<b>3<sup>rd</sup> Party Arrangements</b>	Sapetro CNOOC Energy Service Limited Brass Oil
<b>Timing of payment – Royalty, PPT</b>	30 days
<b>Reconciliation and Confirmation (monthly, quarterly, yearly)</b>	Yearly reconciliation by DPR

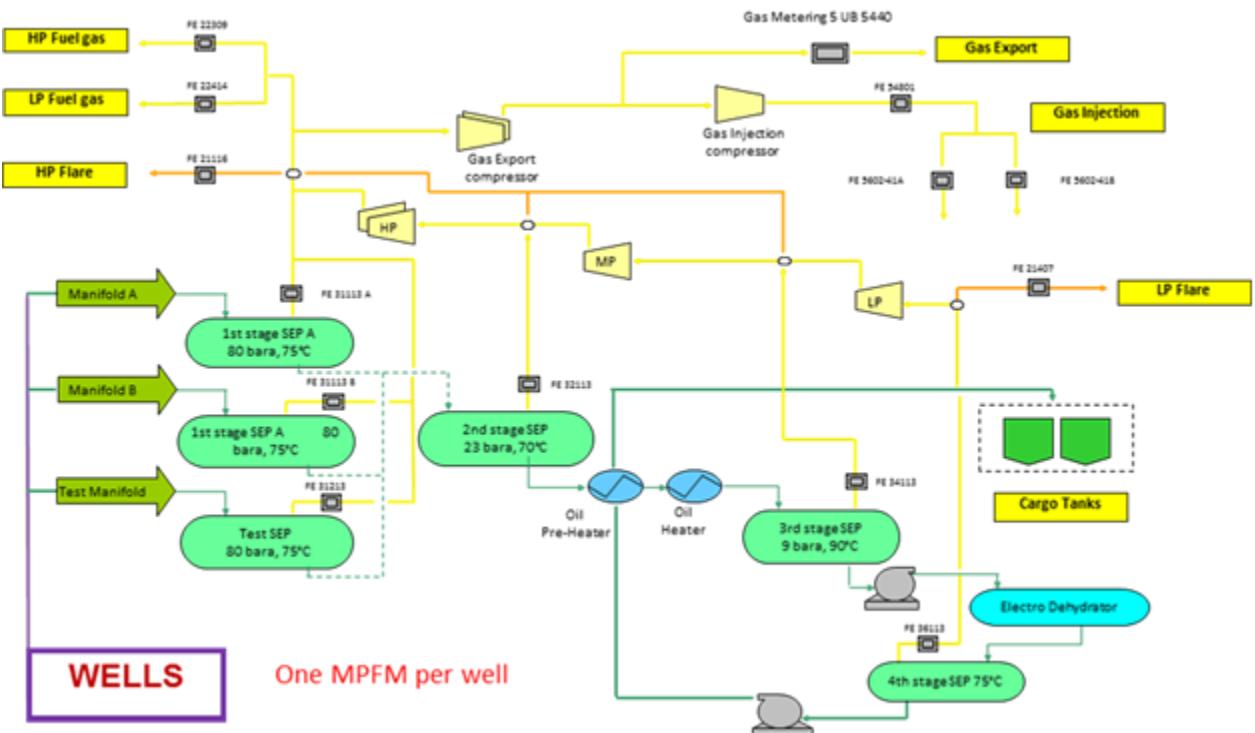
## Akpo Process Flow Diagram



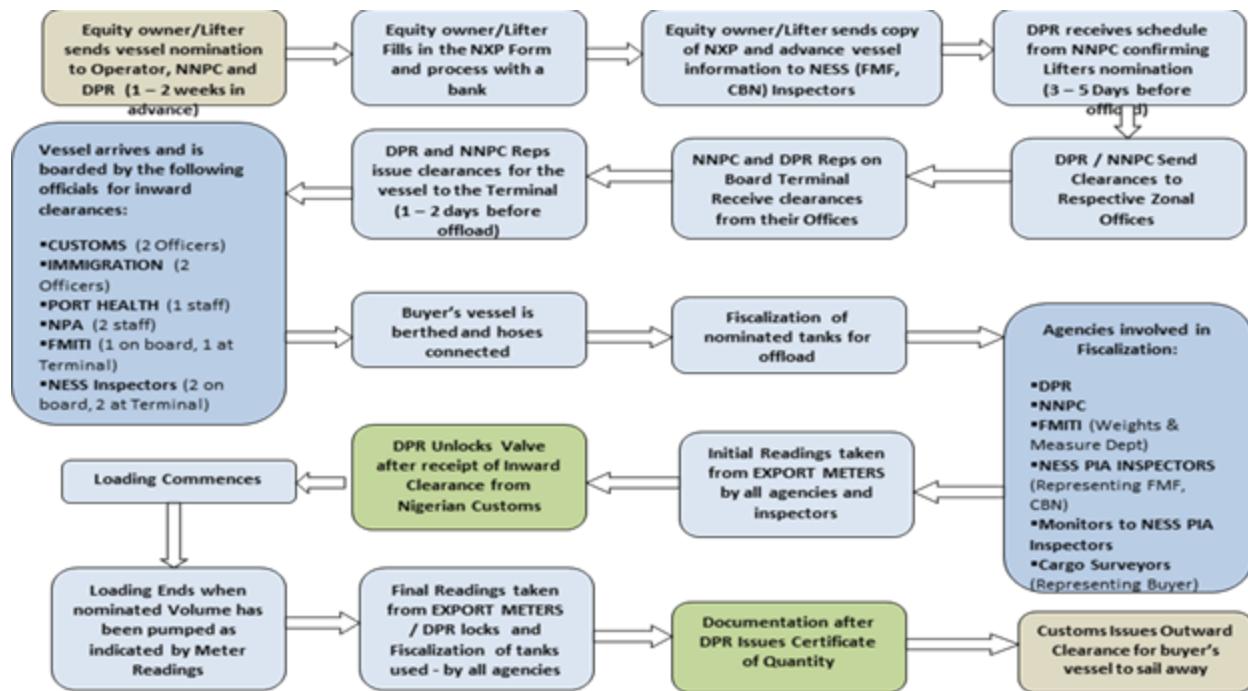
## Oil Production Flow Diagram



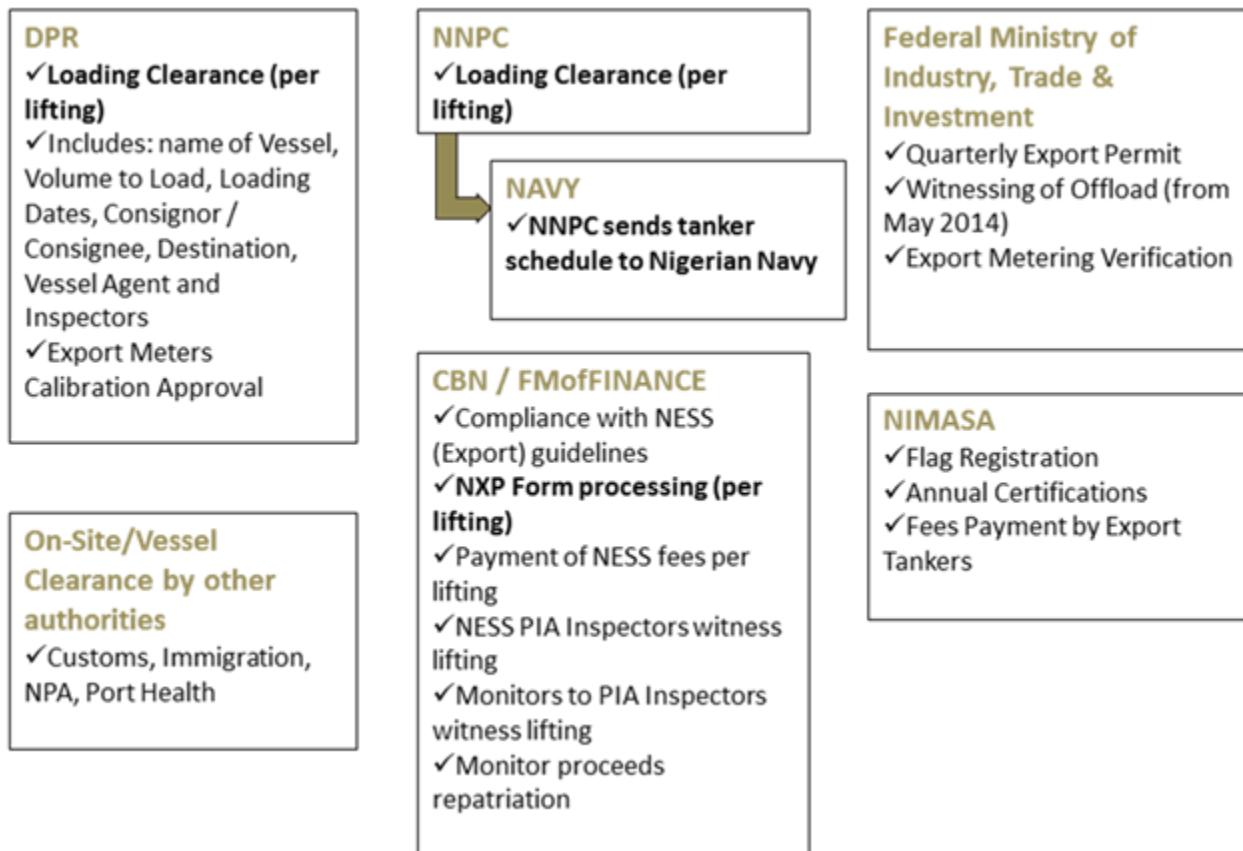
## Gas Production Flow Diagram



## Tanker Handling Processes



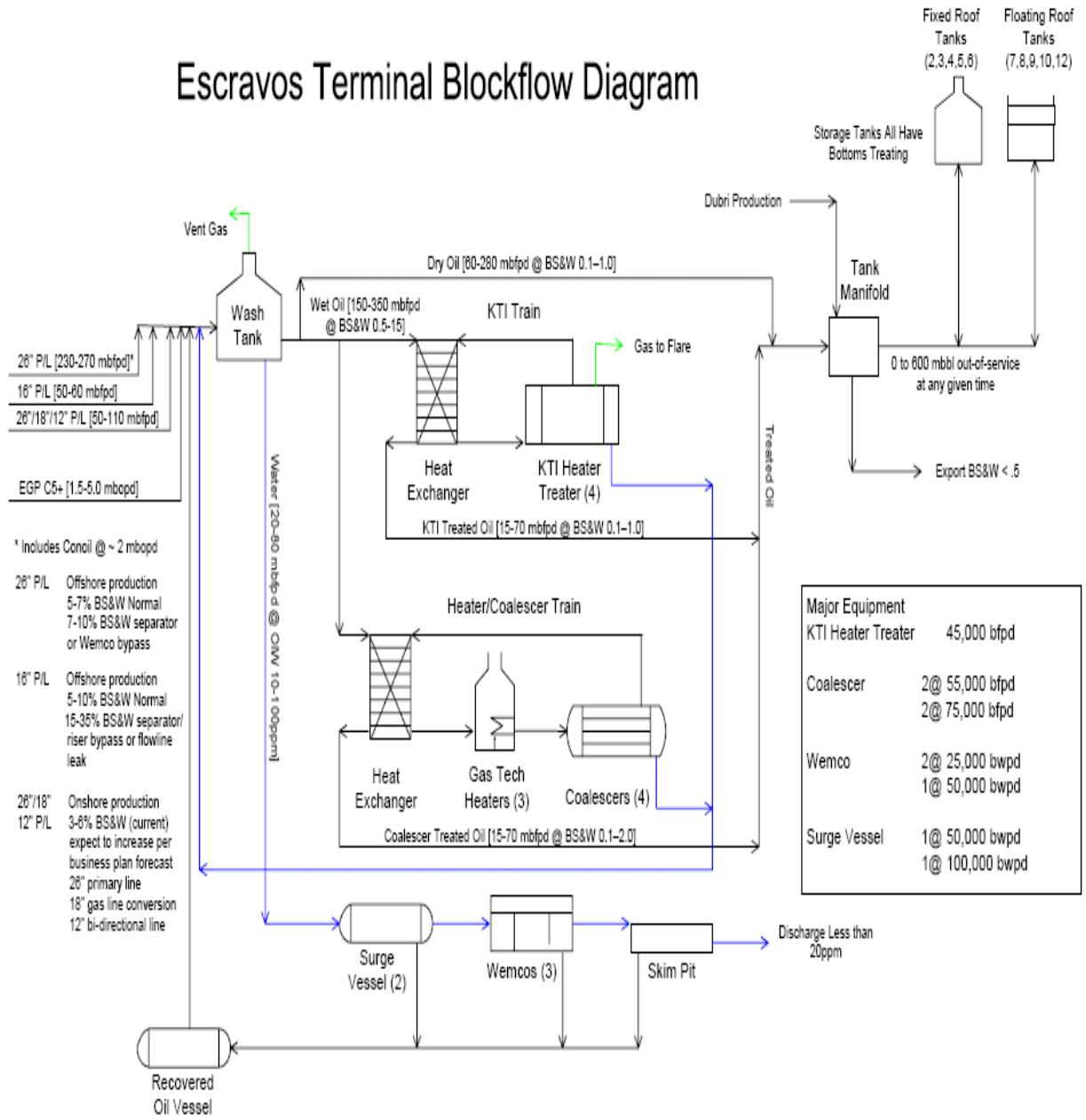
## Approvals/Permits for Terminals and Exports



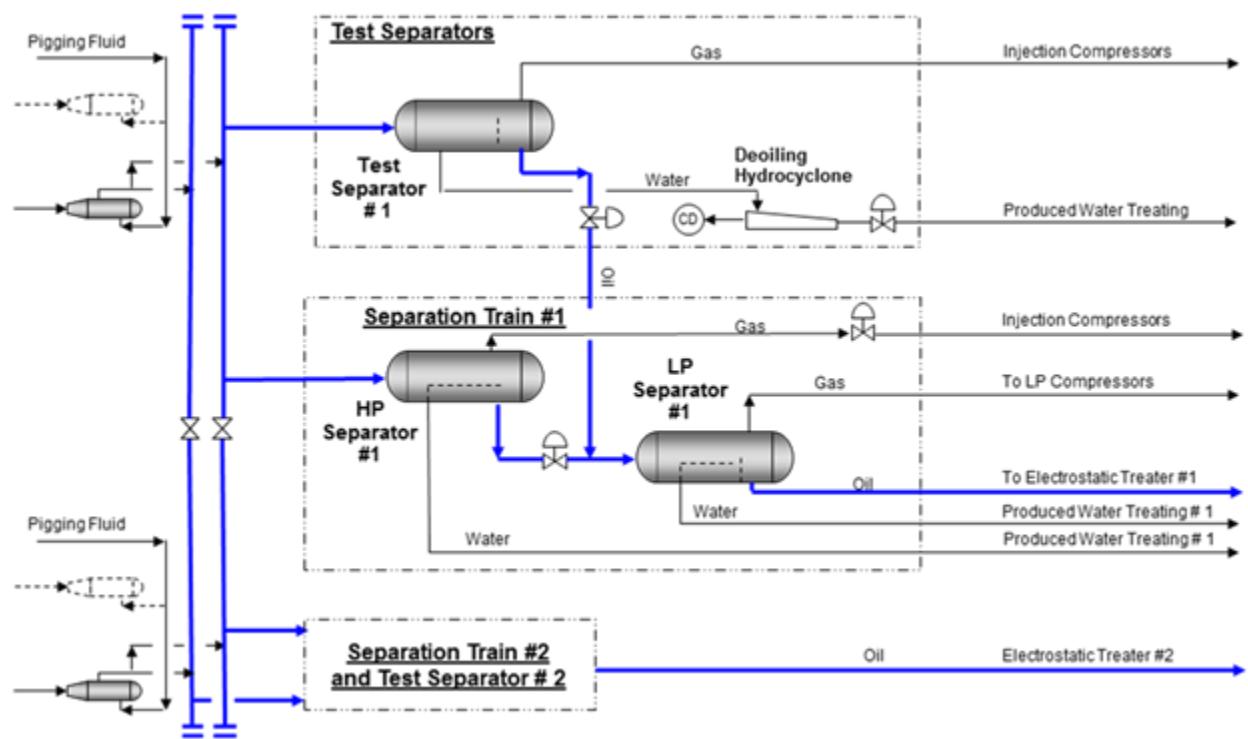
**Chevron Nigeria Limited**

<b>Production Arrangement</b>		<b>JV, PSC</b>
<b>License Type</b>		JV – OML 49, 51, 89, 91, 86, 88, 90 and 95  PSC – OML 132
<b>Location(s)</b>		Agbami Field/ FPSO Terminal  Escravos Terminal
<b>Parties involved</b>		NNPC
<b>Production System</b>		Incoming crude is separated, treated and thereafter pumped into the oil storage tank
<b>Custody Transfer point/Export point</b>		Export takes place at their export terminals
<b>Metering System</b>		LACT unit  Turbine meters  Provers
<b>Reconciliation Parties</b>		Meters used are being certified by DPR
<b>3<sup>rd</sup> Party Arrangements</b>		StatOil Petrobrass Famfa Oil
<b>Timing of payment – Royalty, PPT</b>		30 days
<b>Reconciliation and Confirmation (monthly, quarterly, yearly)</b>		Yearly reconciliation by DPR

# Escravos Terminal Blockflow Diagram



## Agbami Crude Oil Separation Diagram

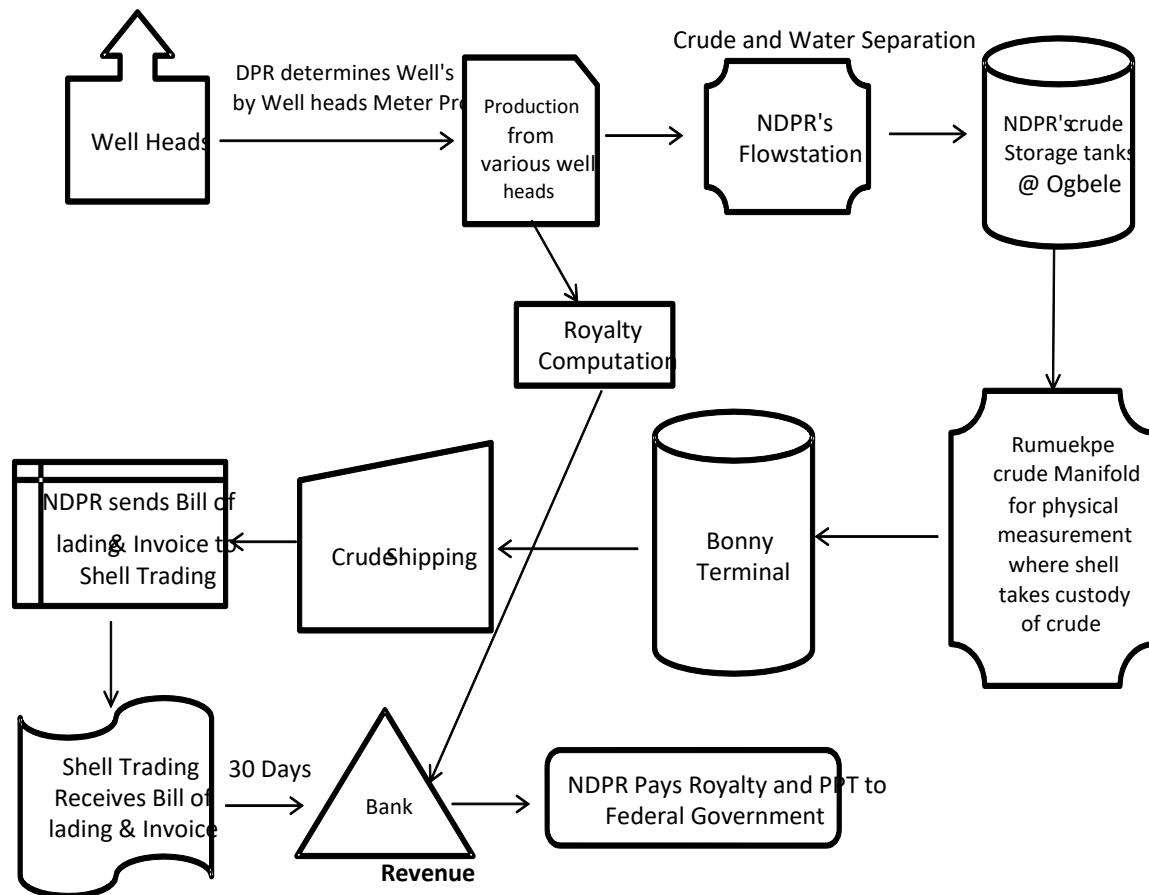


## Niger Delta Petroleum Resources

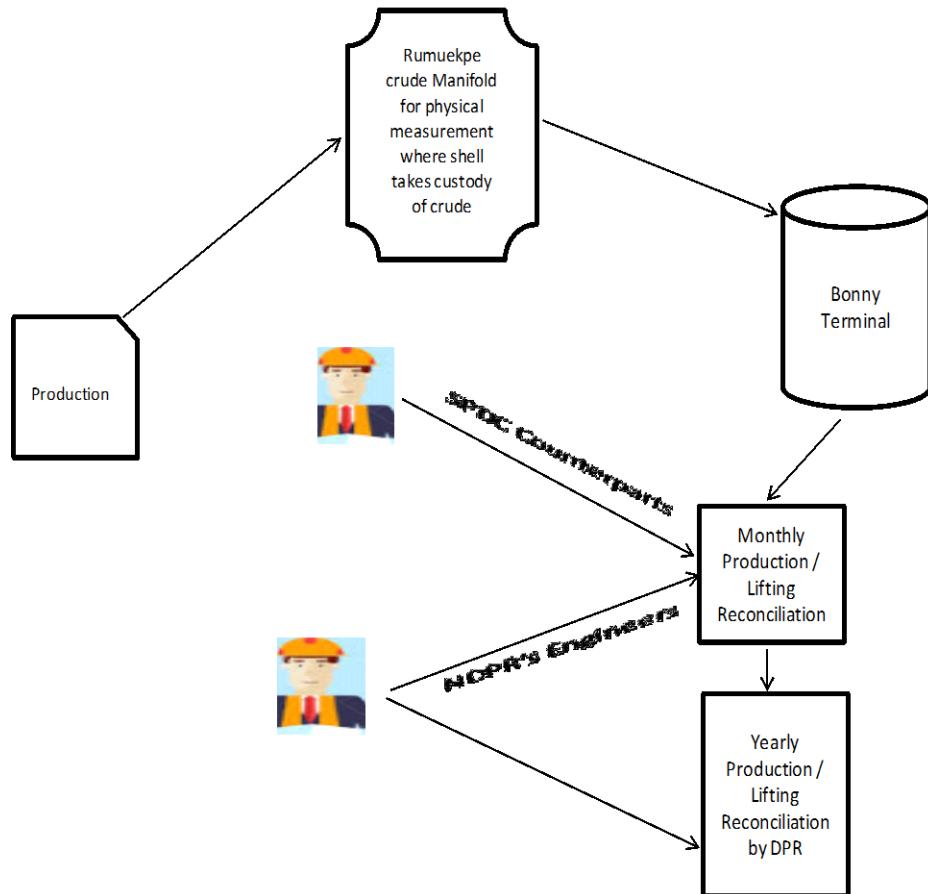
<b>Production Arrangement</b>	Marginal Field Operator, Sole Risk.
<b>License type</b>	OML 54
<b>Location(s)</b>	Ogbele Oil Field
<b>Parties involved</b>	SPDC
<b>Production System</b>	Production occurs at Ogbele field. Production from the various well heads are separated at NDPR's flow station and stored in their crude storage tanks.
<b>Custody Transfer point/Export point</b>	Custody transfer to SPDC at Bonny Terminal where the final export takes place.
<b>Metering System</b>	Metering at the Flow Station for Royalty computation  DD Meter at point of custody transfer at Rumekpe
<b>Reconciliation Parties</b>	DPR does bi-weekly meter Calibration at Rumekpe  Reconciliation is carried out twice a year by DPR to determine NDPR's Maximum Efficiency Ratio (MER) through meter proving of the well heads orifice. A test is carried out on each well to know its efficiency ratio and determine the best bean number on which it can produce safely within regulatory limits.  SPDC computes NDPR's lifting from their daily injections into SPDC's facility. This is then used to determine the monthly lifting entitlement  Production and lifting monthly reconciliations are done by NDPR's production engineers and their SPDC counterparts
<b>3<sup>rd</sup> Party Arrangements</b>	Nil
<b>Timing of payment – Royalty, PPT</b>	30 days
<b>Reconciliation and Confirmation (monthly, quarterly, yearly)</b>	Yearly reconciliation by DPR to ascertain the correctness of production figures

## NDRP Crude Allocation Production Storage and Lifting Process Flow

**NDPR's CRUDE ALLOCATION, PRODUCTION, STORAGE AND LIFTING PROCESS FLOWCHART**



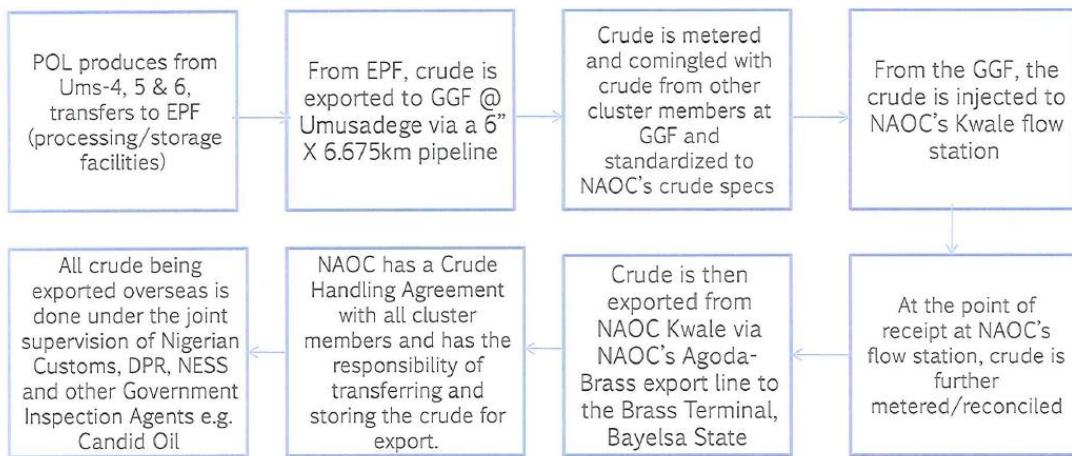
## NDPR Production Flow



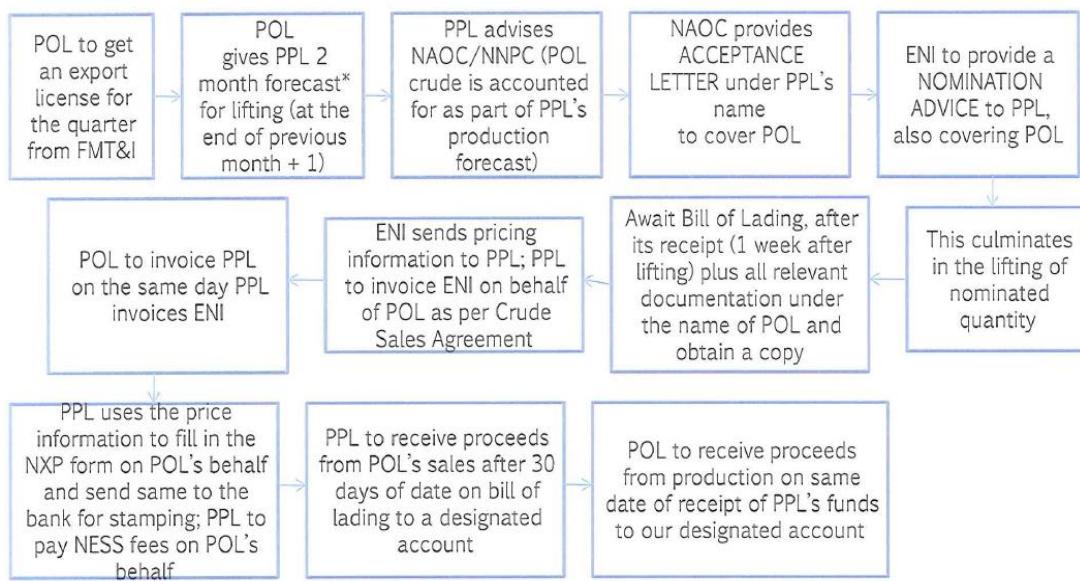
## Pillar oil

Production Arrangement	Marginal Field Operator, Sole Risk.
<b>License type</b>	OPL 283
<b>Location(s)</b>	Onshore Umeseti/Igbuku field complex
<b>Parties involved</b>	Operates through a GGF. Members within the cluster are Platform, Midwestern and Energia.  NAOC.
<b>Production System</b>	Crude oil produced from the well head is separated and goes through Pillar oil's pipeline into the GGF.
<b>Custody Transfer point/Export point</b>	Custody transfer at the GGF. Platform transfers to NAOC on behalf of all the cluster members and Pillar Oil's crude is accounted for as part of Platform's.
<b>Metering System</b>	Metering at Pillar Oil's EPF  Metering (LACT Units) at point of injection by the cluster members
<b>Reconciliation Parties</b>	LACT Unit supervision by DPR twice a year  Fiscal meters and tanks are calibrated annually under the supervision of DPR  Crude Injection reconciliation with NAOC  Cluster monthly reconciliations are done by cluster members and NAOC
<b>3<sup>rd</sup> Party Arrangements</b>	Nil
<b>Timing of payment – Royalty, PPT</b>	30 days
<b>Reconciliation and Confirmation (monthly, quarterly, yearly)</b>	Yearly reconciliation by DPR and NNPC

## Pillar Oil Crude Export and Invoicing Procedure



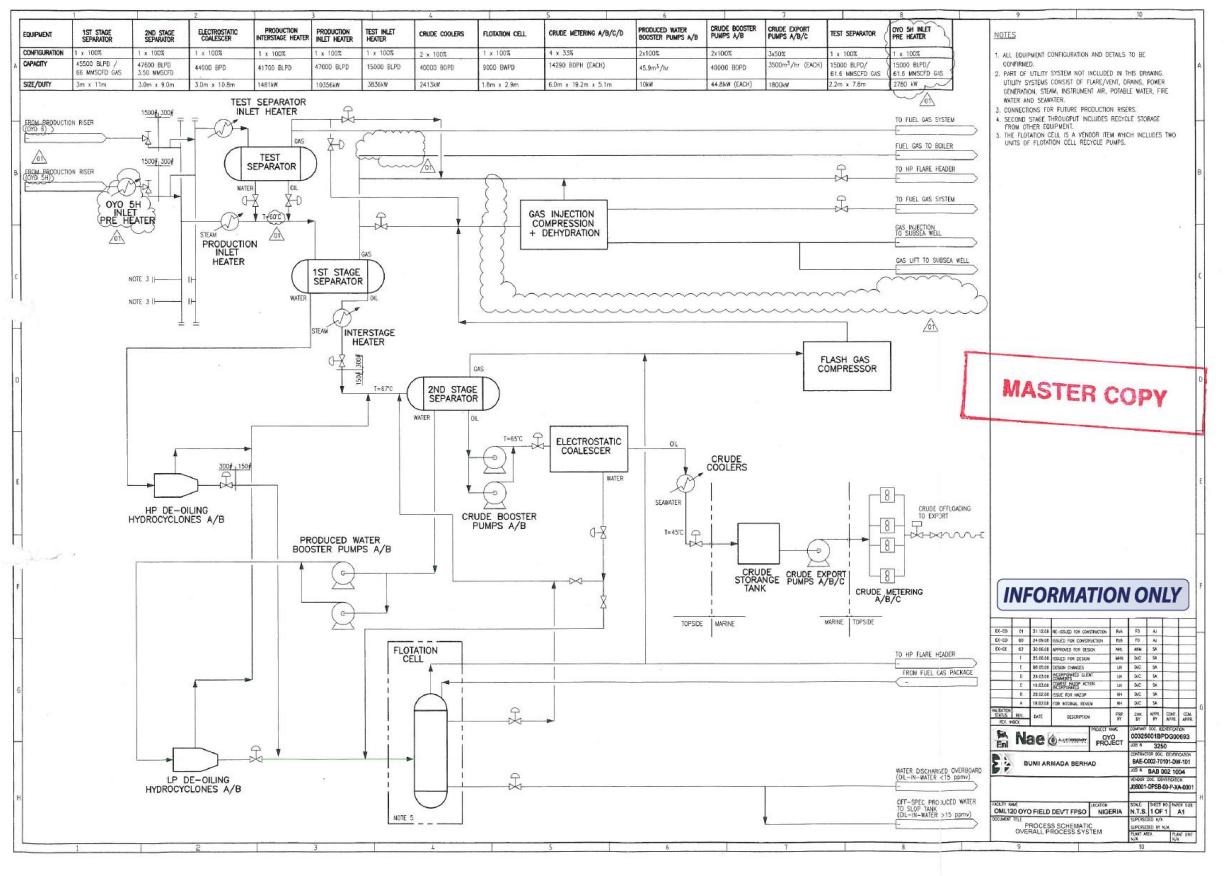
## Crude Lifting Arrangements



**Allied Energy & CAMAC Plc**

Production Arrangement	Marginal Field Operator
<b>License type</b>	OML 120, Offshore
<b>Location(s)</b>	OYO Field, FPSO
<b>Parties involved</b>	Allied Energy operates through CAMAC PLC, its subsidiary.
<b>Production System</b>	Crude oil from OYO field is produced into a Floating Production and Offshore Loading Vessel known as the FPSO
<b>Custody Transfer point/Export point</b>	No custody transfer. Crude are offloaded for export from their crude storage tanks
<b>Metering System</b>	At the point of offloading for export
<b>Reconciliation Parties</b>	No information was given
<b>3<sup>rd</sup> Party Arrangements</b>	No information was given
<b>Timing of payment – Royalty, PPT</b>	30 days
<b>Reconciliation and Confirmation (monthly, quarterly, yearly)</b>	Yearly reconciliation by DPR

## Overall Process System of OYO Field



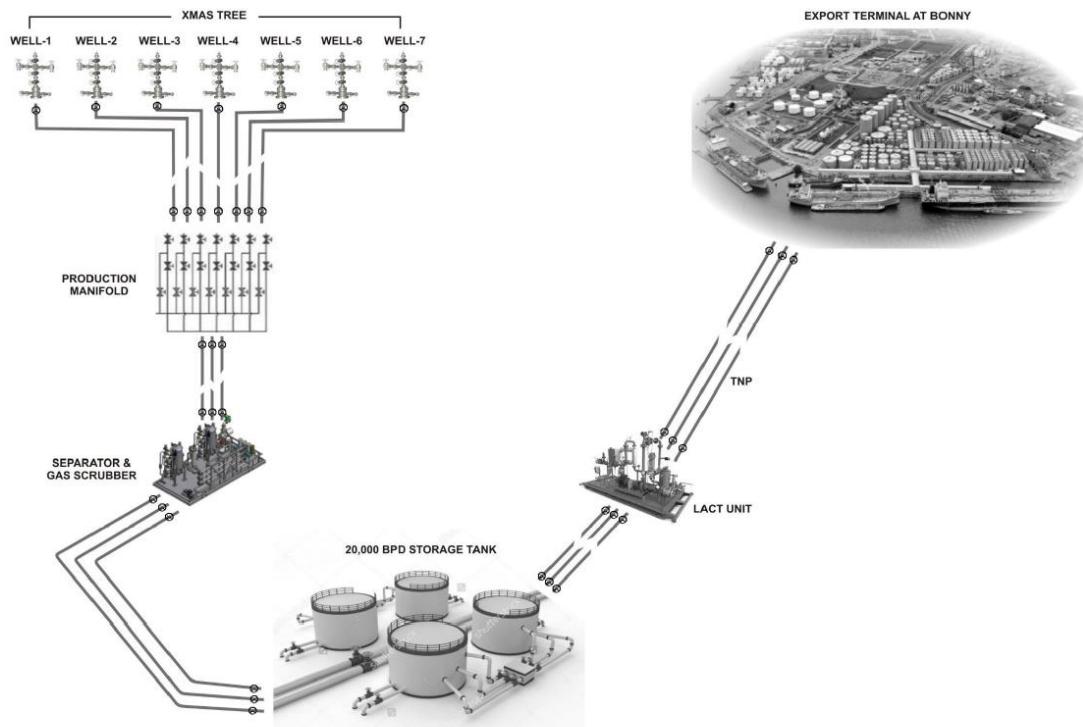
**Amni International Petroleum Development Company**

<b>Production Arrangement</b>	<b>Marginal Field Operator, Sole Risk.</b>
<b>License type</b>	OML 112 and 117
<b>Location(s)</b>	Ima field and Okoro/Setu East Fields (FPSO)
<b>Parties involved</b>	None
<b>Production System</b>	The crude oil from Ima and Okoro production fields are delivered to Ima terminal by means of subsea pipeline from Ima field and by means of Shuttle Vessel from Okoro field.  Ima Terminal is used for storage and offloading of crude produced.
<b>Custody Transfer point/Export point</b>	No custody transfer.  Crude are offloaded for export from their crude storage tanks
<b>Metering System</b>	At the point of offloading for export
<b>Reconciliation Parties</b>	Meters and tanks are calibrated annually under the supervision of DPR
<b>3<sup>rd</sup> Party Arrangements</b>	Nil
<b>Timing of payment – Royalty, PPT</b>	30 days
<b>Reconciliation and Confirmation (monthly, quarterly, yearly)</b>	Yearly reconciliation by DPR

### **Waltersmith Petroman Oil Limited**

<b>Production Arrangement</b>		<b>Marginal Field Operator</b>
<b>License type</b>		OML 16
<b>Location(s)</b>		Ibigwe Oil Field
<b>Parties involved</b>		SPDC
<b>Production System</b>		<p>Production takes place at Ibigwe field.</p> <p>Production from the 7 well heads are separated at Waltersmith's flow station and stored in their crude storage tanks.</p>
<b>Custody point/Export point</b>	<b>Transfer</b>	Custody transfer to SPDC at Bonny Terminal where the final export takes place
<b>Metering System</b>		<p>Daily measurement at the storage tanks</p> <p>LACT Unit at point of custody transfer to SPDC</p>
<b>Reconciliation Parties</b>		<p>DPR does bi-weekly Meter Calibration to check accuracy together with SPDC and Waltersmith's representatives</p> <p>SPDC computes Waltersmith's lifting from their injections into SPDC's facility as well as the crude losses from previous month. This is then used to determine the monthly lifting entitlement</p> <p>SPDC and DPR reconciles final volumes and losses incurred (along the Trans Niger Pipeline, via which crude oil is transferred to Bonny Terminal Storage) and then determine the sharing formula.</p>
<b>3<sup>rd</sup> Party Arrangements</b>		Nil
<b>Timing of payment – Royalty, PPT</b>	30 days	
<b>Reconciliation and Confirmation (monthly, quarterly, yearly)</b>	Yearly reconciliation by DPR to ascertain the correctness of production figures	

## Waltersmith's Process Flow Diagram for Production



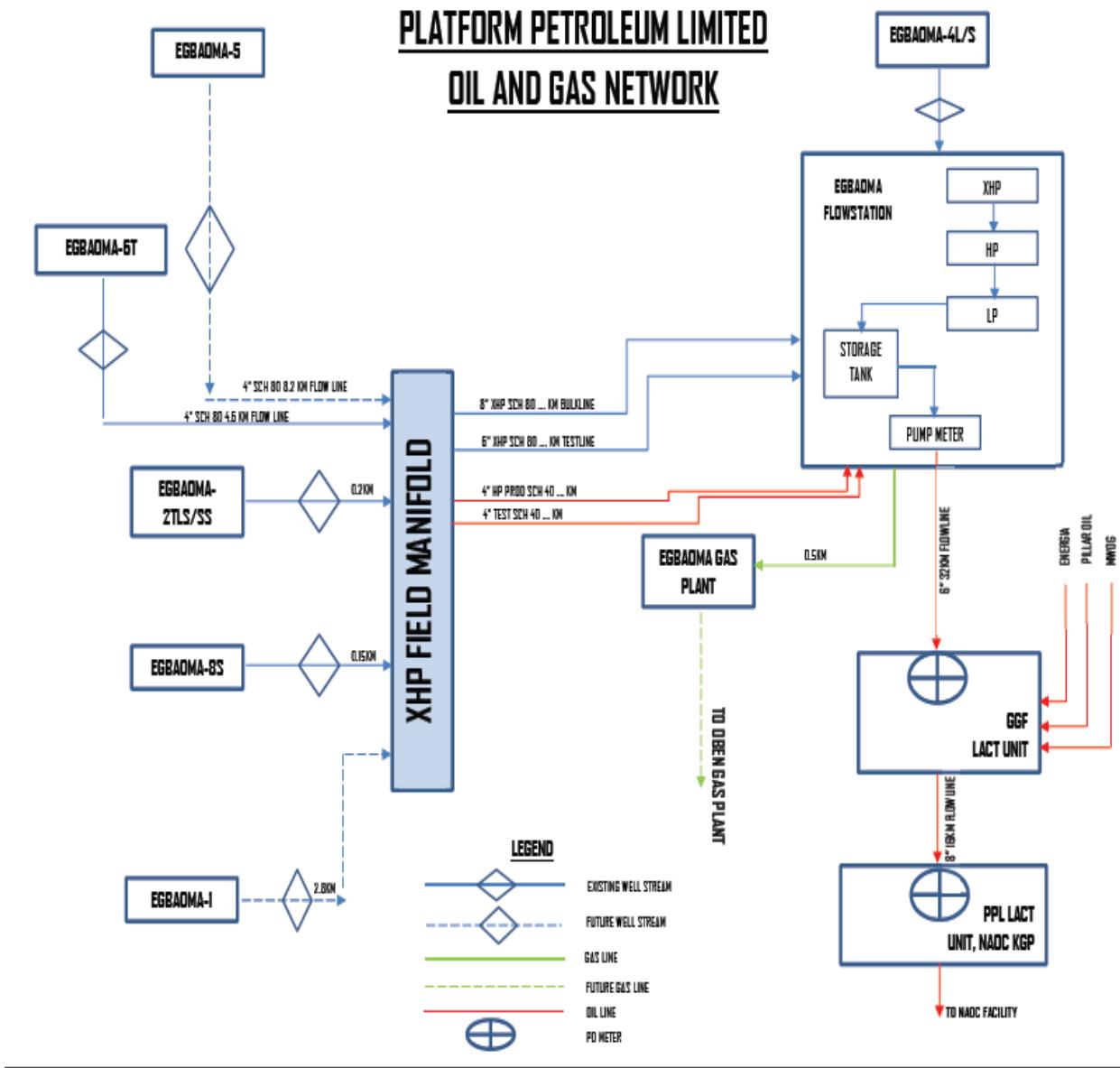
**StatOil (Nigeria) Limited**

Production Arrangement	Production Sharing Contract
<b>License type</b>	OML 127 and OML 128
<b>Location(s)</b>	Agbami Field
<b>Parties involved</b>	Chevron
<b>Production System</b>	<p>Production occurs at Agbami field.</p> <p>Produced oil is transferred from the manifolds (located at the seabed) to the FPSO topsides through a network of in-field pipelines, separated and then stored in the crude storage tanks in the hull of the FPSO.</p>
<b>Custody Transfer point/Export point</b>	Agbami FPSO
<b>Metering System</b>	LACT Unit at point of offloading to export tankers.
<b>Reconciliation Parties</b>	
<b>3<sup>rd</sup> Party Arrangements</b>	
<b>Timing of payment – Royalty, PPT</b>	30 days
<b>Reconciliation and Confirmation (monthly, quarterly, yearly)</b>	Yearly reconciliation by DPR to ascertain the correctness of production figures

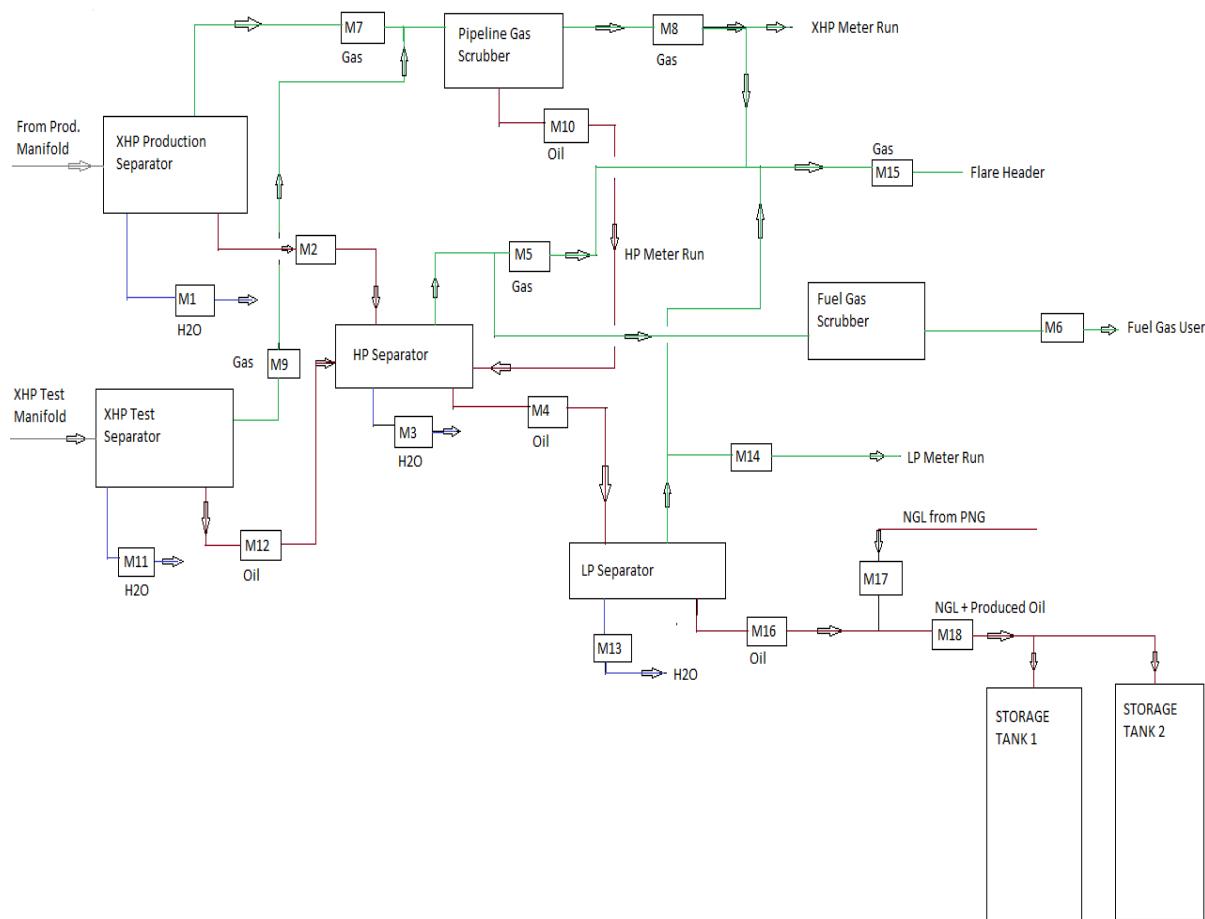
**Platform Petroleum Limited**

<b>Production Arrangement</b>	<b>Marginal Field Operator, Sole Risk.</b>
<b>License type</b>	OML 38
<b>Location(s)</b>	Egbaoma Field
<b>Parties involved</b>	Operates through a GGF. Members within the cluster are Pillar Oil, Midwestern and Energia.  NAOC.
<b>Production System</b>	Crude oil produced from the well head is separated and goes through their flow station into the GGF.
<b>Custody Transfer point/Export point</b>	Platform transfers to NAOC on behalf of all the cluster members.
<b>Metering System</b>	Metering at the flow station  Metering (LACT Units) at point of injection by the cluster members
<b>Reconciliation Parties</b>	LACT Unit supervision by DPR twice a year  Fiscal meters and tanks are calibrated annually under the supervision of DPR  Crude Injection reconciliation with NAOC  Cluster monthly reconciliations are done by cluster members and NAOC
<b>3<sup>rd</sup> Party Arrangements</b>	
<b>Timing of payment – Royalty, PPT</b>	30 days
<b>Reconciliation and Confirmation (monthly, quarterly, yearly)</b>	Yearly reconciliation by DPR and NNPC

**PLATFORM PETROLEUM LIMITED**  
**OIL AND GAS NETWORK**



BLOCK DIAGRAM OF THE FLOWSTATION SHOWING POINTS OF MEASUREMENT OF HYDROCARBON & PRODUCED H<sub>2</sub>O.



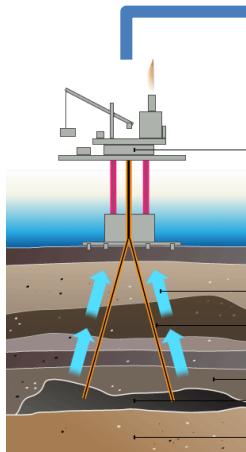
**ND Western Limited**

Production Arrangement	Marginal Field Operator, JV
<b>License type</b>	OML 34
<b>Location(s)</b>	Utorogu Field Ughelli East Ughelli West
<b>Parties involved</b>	NPDC
<b>Production System</b>	Crude oil produced from the well heads is separated, treated and transmitted at the flow station and thereafter transmitted to Forcados Export Terminal through the Trans Forcados Pipeline.  Gas from the Gas Treatment Plant is transmitted to the Escravos Lagos Pipeline System (ELPS)
<b>Custody point/Export point</b>	Transfer Custody transfer to SPDC
<b>Metering System</b>	Metering for crude oil is at point of the Export Terminal  Metering for Gas is just before it gets into the ELPS
<b>Reconciliation Parties</b>	SPDC computes ND Western's crude lifting from their injections into SPDC's facility as well as the crude losses. This is then used to determine the monthly lifting entitlement  Crude Injection reconciliation with SPDC
<b>3<sup>rd</sup> Party Arrangements</b>	SPDC
<b>Timing of payment – Royalty, PPT</b>	30 days
<b>Reconciliation and Confirmation (monthly, quarterly, yearly)</b>	Yearly reconciliation by DPR

**Process Flow Diagram for Crude Oil**

NDPC/NDW

NDPC

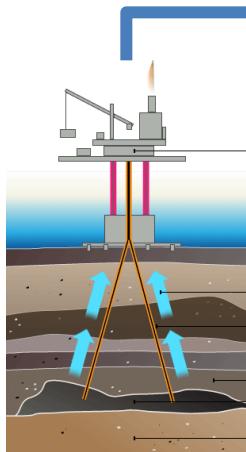


Production Well

**Process Flow Diagram for Gas**

NDPC/NDW

NDPC



Production Well

NDPC/NDW  
NDPC



Flow Station

NDPC/NDW  
NDPC



Trans Forcados Pip (TFP)

NDPC/NDW  
NDPC



Gas Treatment Plant

NNPC  
NGC



Escravos Lagos Pip Systems ELPS

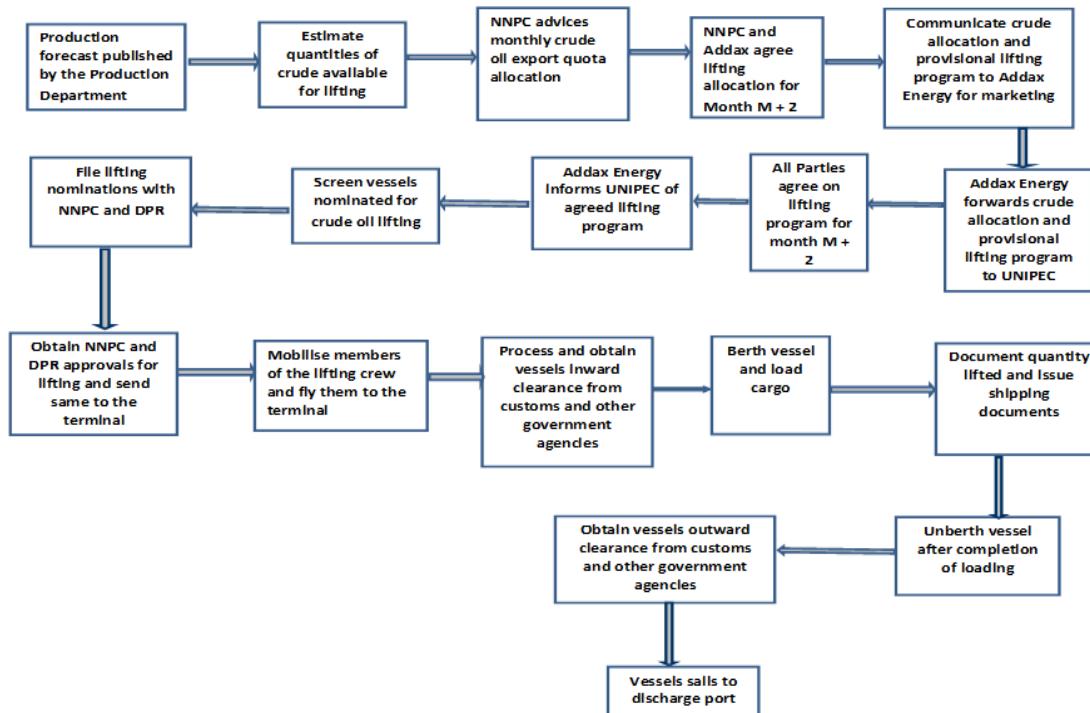
**Midwestern Oil and Gas Company Limited**

Production Arrangement	Marginal Field Operator, Sole Risk.
<b>License type</b>	OML 56
<b>Location(s)</b>	Umusadege Field
<b>Parties involved</b>	NAOC.
<b>Production System</b>	<p>Crude produced from the well heads goes to Early Production Tanks and then transmitted to GGF.</p> <p>The crude is transmitted from the GGF to Brass and Forcados Terminals</p> <p>Members within the cluster are Platform, Pillar Oil and Energia.</p> <p>Midwestern arranges for its buyers. However, export is done by an operator of Brass or Forcados Terminals.</p>
<b>Custody Transfer point/Export point</b>	Custody transfer at the GGF.
<b>Metering System</b>	<p>Metering at Midwestern's EPF</p> <p>Metering (LACT Units) at point of injection by the cluster members</p>
<b>Reconciliation Parties</b>	<p>LACT Unit supervision by DPR twice a year</p> <p>Fiscal meters and tanks are calibrated annually under the supervision of DPR</p> <p>Crude Injection reconciliation with NAOC</p> <p>Cluster monthly reconciliations are done by cluster members and NAOC</p>
<b>3<sup>rd</sup> Party Arrangements</b>	
<b>Timing of payment – Royalty, PPT</b>	30 days
<b>Reconciliation and Confirmation (monthly, quarterly, yearly)</b>	Yearly reconciliation by DPR and NNPC

### Addax Petroleum Nigeria

Production Arrangement	PSC
<b>License type</b>	OML 123, 124 and 126
<b>Location(s)</b>	Knock Adoon FPSO Izombe Flowstation Sendge Berge FPSO
<b>Parties involved</b>	NAOC
<b>Production System</b>	<p>Crude oil produced from the well heads at Izombe flow station is separated, treated and transmitted Brass Export Terminal. Export quality crude comingled with CNL's Jisike pumped to NAOC's Ebocha Oil Centre for final Export at Brass Terminal</p> <p>Final crude processing also at the Adoon FPSO. Monipulo produces and meters into the FPSO Adoon via 12" pipeline from Agbani field. Export is carried out at Antan Terminal</p> <p>Production from Okwori/Nda fields are also exported at the Okwori Terminal (Sendge Berge)</p>
<b>Custody Transfer point/Export point</b>	<p>Custody transfer to NAOC</p> <p>Export Points are Antan and Okwori FPSO Terminals</p>
<b>Metering System</b>	<p>Metering at the point of injection</p> <p>Metering for crude oil is at point of the Export Terminal</p>
<b>Reconciliation Parties</b>	Crude Injection reconciliation with Chevron and Monipulo Petroleum
<b>3<sup>rd</sup> Party Arrangements</b>	Chevron Monipulo Petroleum
<b>Timing of payment – Royalty, PPT</b>	30 days
<b>Reconciliation and Confirmation (monthly, quarterly, yearly)</b>	Yearly reconciliation by DPR

## Lifting Procedure



Lifting crew: Customs, Immigration, Port health, NDLEA, NPA, Vessel's agents, NNPC, Addax and Monipulo Reps.

## Crude Oil Facility Sharing

### OFFSHORE - OML 123 (ANTAN BLEND)



### ONSHORE - OML 124 (BRASS BLEND)



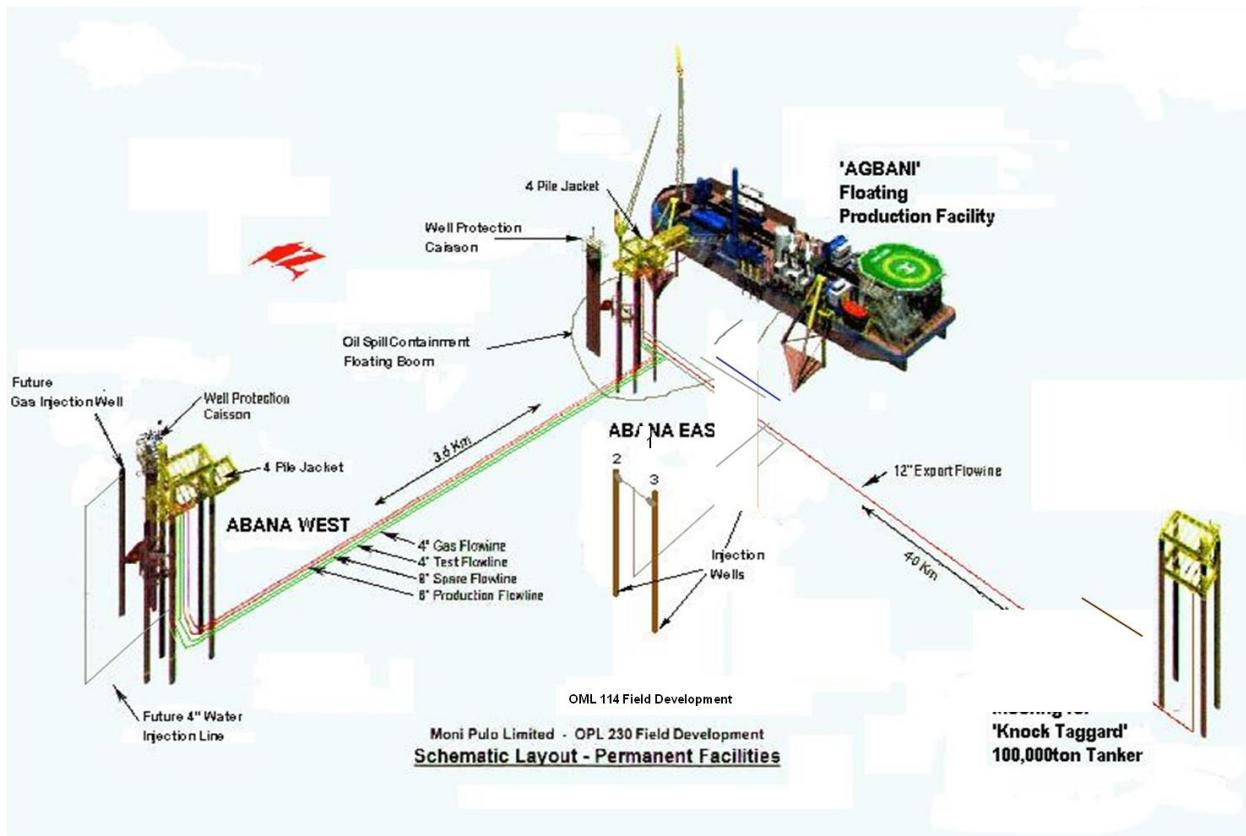
### OFFSHORE - OML 126 (OKWORI BLEND)



### Moni Pulo Petroleum Resources

Production Arrangement	SR
<b>License type</b>	OML 114
<b>Location(s)</b>	Abana Field
<b>Parties involved</b>	Addax Petroleum
<b>Production System</b>	<p>Monipulo produces and meters into the FPSO Adoon via pipeline from Abgani field. Export is carried out at Antan Terminal.</p> <p>Associated gas produced in Abana field is used to power the gas turbines and flared</p>
<b>Custody Transfer point/Export point</b>	Custody transfer to Addax Petroleum
<b>Metering System</b>	<p>Metering at the point of injection</p> <p>Prover Loop</p>
<b>Reconciliation Parties</b>	<p>Crude Injection reconciliation with Addax Petroleum</p> <p>Annual Prover Loop Calibration by Addax Petroleum</p>
<b>3<sup>rd</sup> Party Arrangements</b>	
<b>Timing of payment – Royalty, PPT</b>	30 days
<b>Reconciliation and Confirmation (monthly, quarterly, yearly)</b>	Yearly reconciliation by DPR

## Abana Field Layout

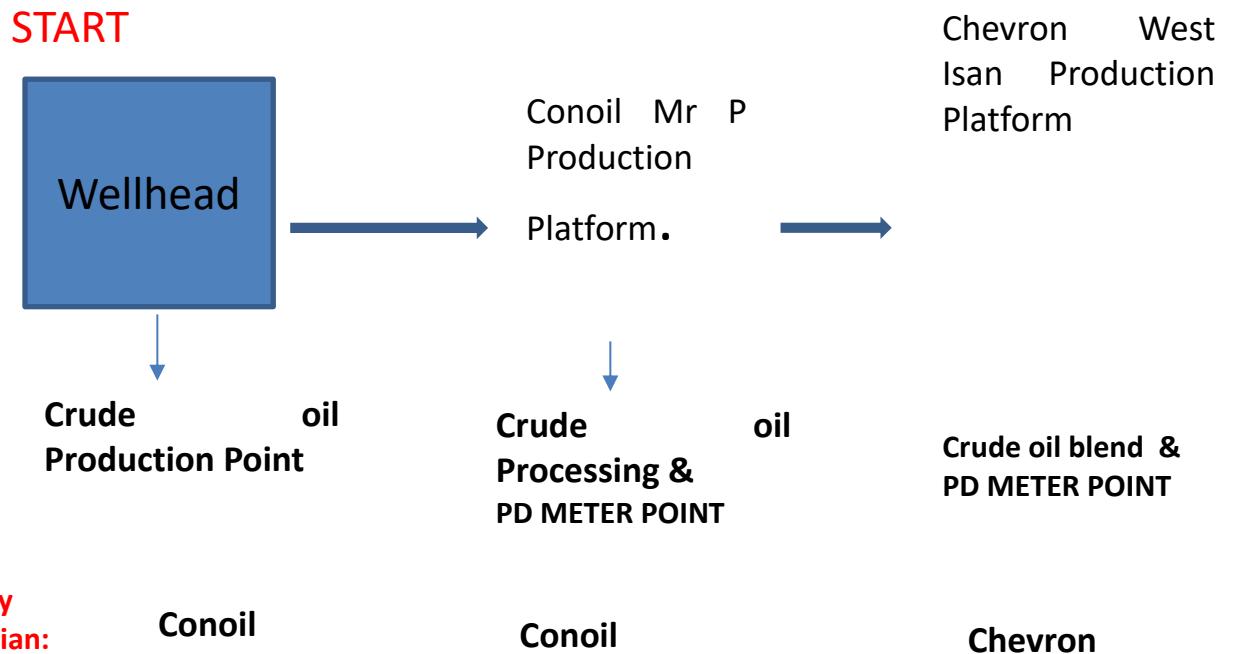


## Conoil Nigeria

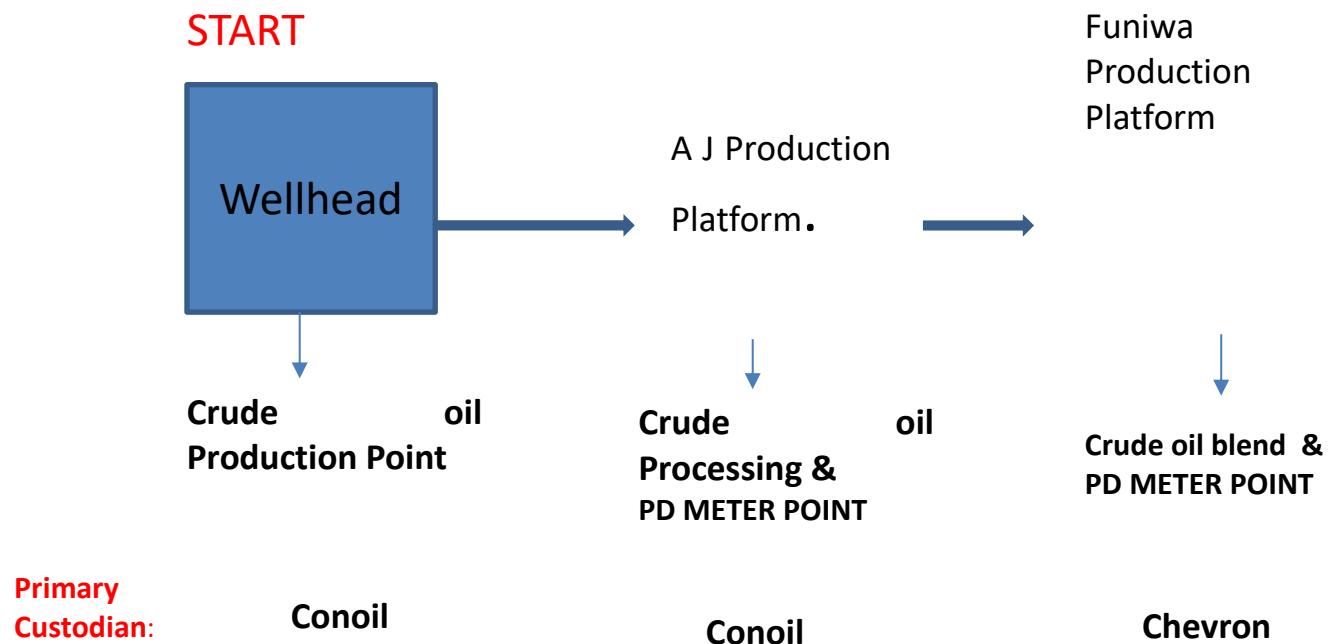
<b>Production Arrangement</b>	SR
<b>License type</b>	OML 103 and 59
<b>Location(s)</b>	Mr. P production Platform
<b>Parties involved</b>	Chevron
<b>Production System</b>	<p>At Mr. P Production Platform (OML 103), crude from the wells is separated into oil, gas and water. Oil is metered in the LACT unit PD meter on the platform, recorded and transported to Escravos for export through West Isan, Isan, Parabe, Menen and Okran production flow stations. At Escravos, the crude is measured, stored and awaits export.</p> <p>Chevron handles Conoil's lifting.</p> <p>Gas is measured and used for power generation and running the facility instrument. The excess is diverted to flare stack.</p> <p>At Auntie Julie Production Platform (OML 59), Crude from the wells is separated into oil, gas and water. Oil is metered in the LACT unit, recorded and transported through the Chevron facility at Funiwa to Pennington Terminal. The gas produced is also measured and used for power generation and running the facility instrument</p>
<b>Custody Transfer point/Export point</b>	Custody transfer to Chevron Nigeria
<b>Metering System</b>	<p>Metering at the point of injection – A check meter is positioned at Chevron facility at West Isan Production Platform. A check meter is also positioned at Chevron facility at Funiwa.</p> <p>PD Meter</p> <p>LACT Unit</p>
<b>Reconciliation Parties</b>	<p>As daily reconciliation, the meter readings at both ends (Mr P and West Isan/AJ Platform and Chevron Funiwa) as well as the BS&amp;W are exchanged over radio for comparism</p> <p>Reconciliation of crude injection by Chevron</p> <p>Meter proving is carried out monthly with the awareness of DPR and Chevron to ensure the consistency and reliability of the meters.</p> <p>DPR and Chevron are present at terminals during lifting.</p>
<b>3<sup>rd</sup> Party Arrangements</b>	
<b>Timing of payment – Royalty, PPT</b>	30 days
<b>Reconciliation and</b>	

<b>Confirmation (monthly, quarterly, yearly)</b>	Yearly reconciliation by DPR
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### OML 103 Process Flow Diagram



### OML 59 Process Flow Diagram

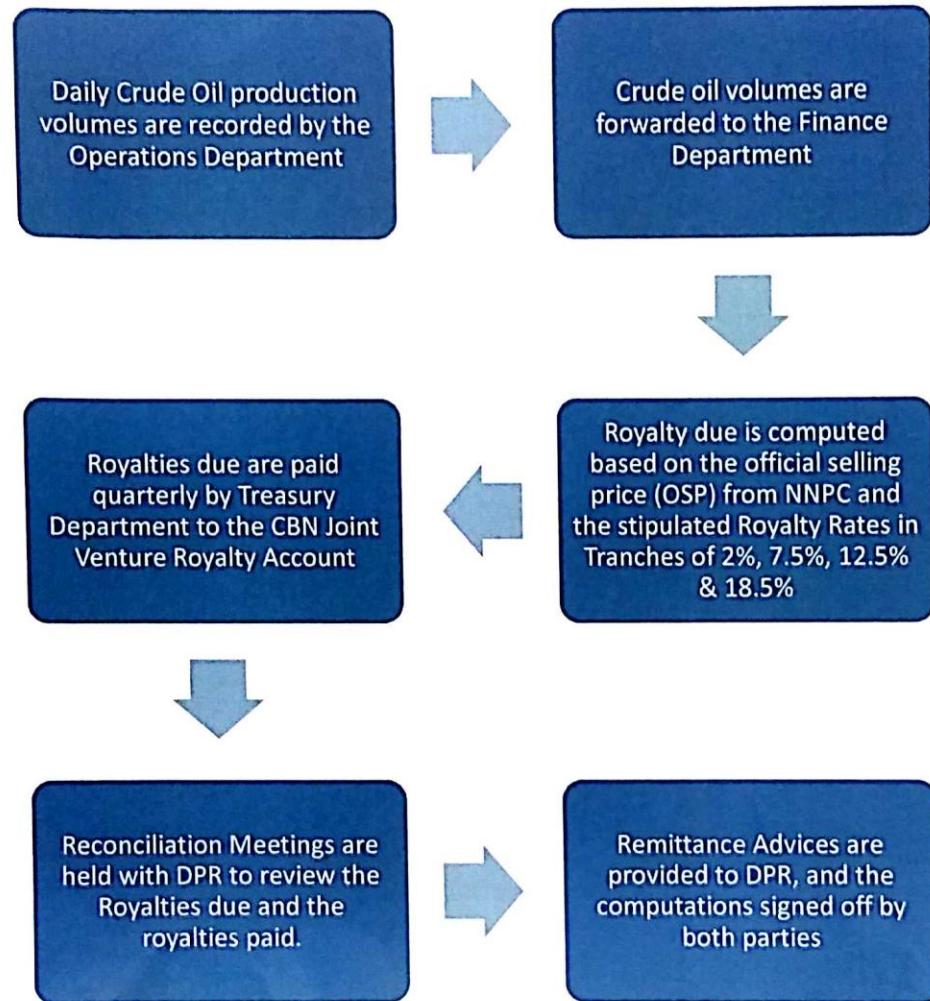


## Oriental Energy Production Flow



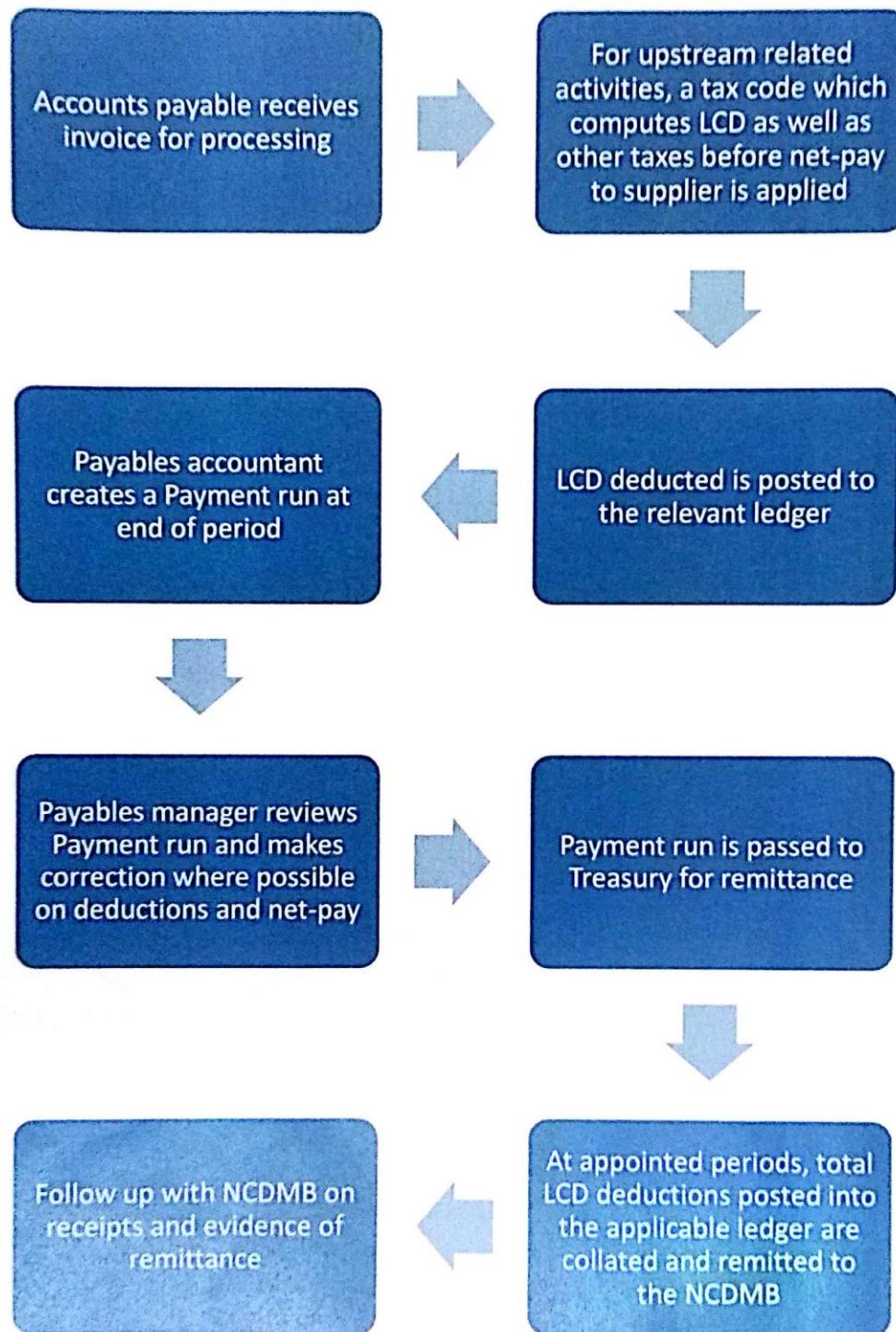
## Oriental Energy Resources Limited

### Process for Royalty Computation & Payment



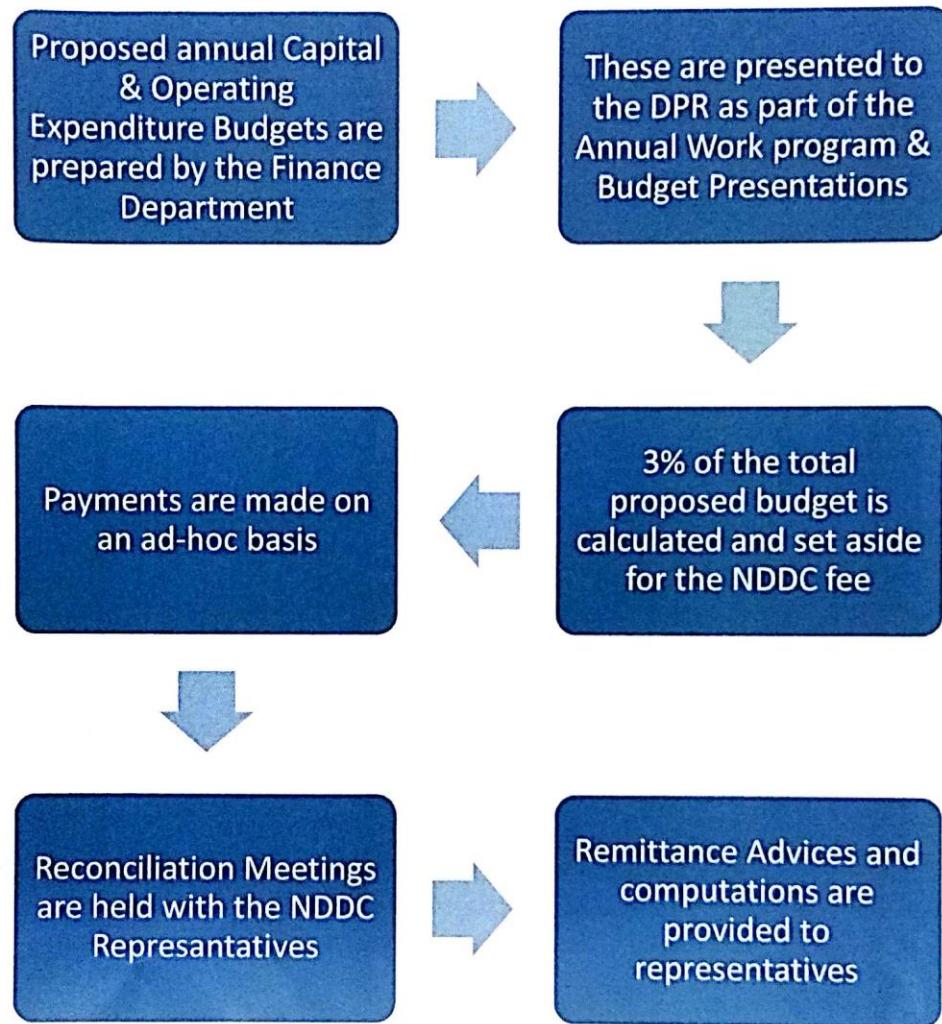
## Oriental Energy Resources Limited

### Process for Local Content (NCDF) Computation & Payment



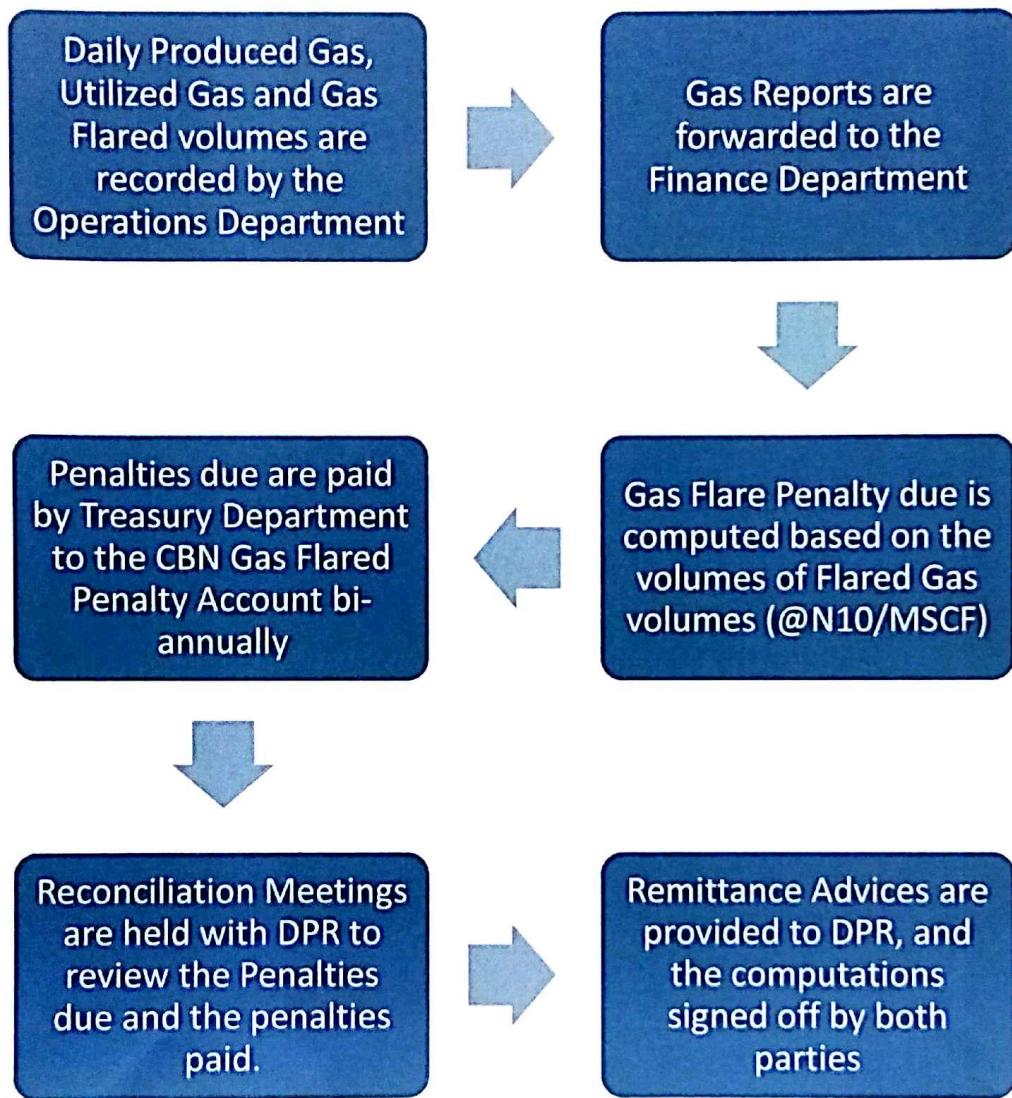
## Oriental Energy Resources Limited

### Process for NDDC Computation & Payment



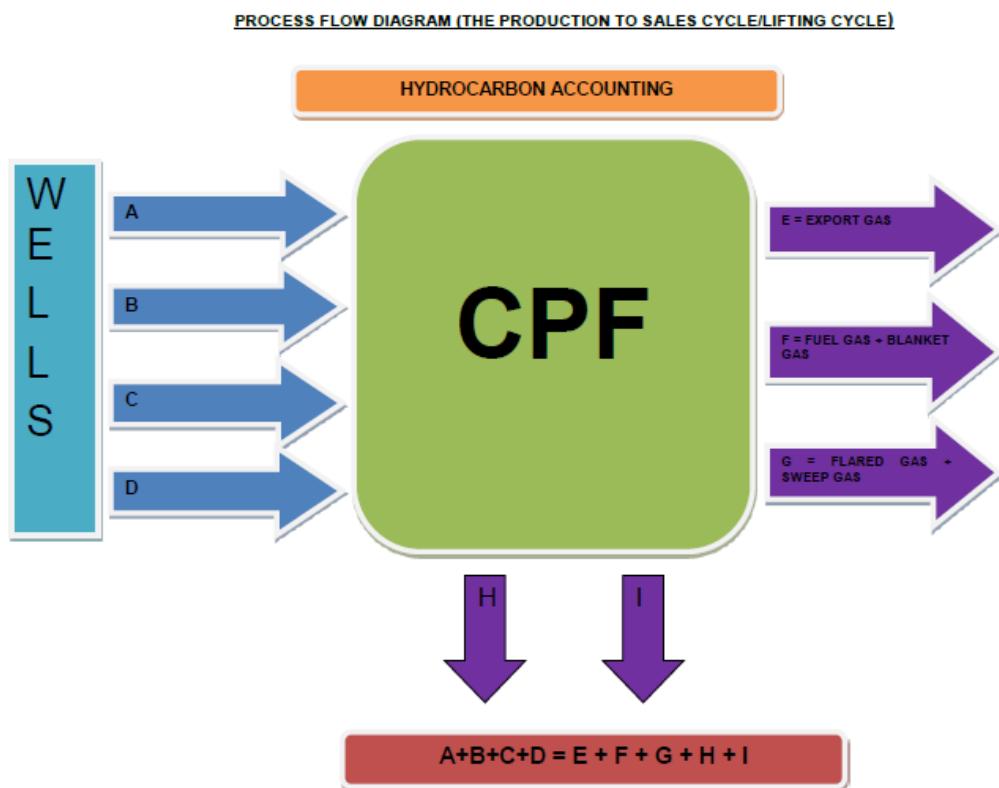
## Oriental Energy Resources Limited

### Process for Gas Flaring Penalty Computation & Payment



## Frontier Oil Limited

There was no oil production as at 2014. However, the following was obtained from them:



## Appendix 0-53 NNPC Crude OSP Methodology & Assumptions

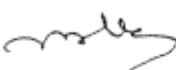


### NNPC CRUDE OIL OFFICIAL SELLING PRICE (OSP) METHODOLOGY AND ASSUMPTIONS/JUSTIFICATIONS

NNPC Crude Oil Official Selling Price (OSP) is derived on the following basis and assumptions:

1. The Nigerian Trading cycle range from the last day of NNPC curtailment meeting of the previous month (M-1) to the first day of NNPC curtailment meeting of the current month (M) i.e. 16<sup>th</sup> July 2015 to 18<sup>th</sup> August 2015.
2. Bonny Light, Qua Iboe, Forcados, Agbami, Escravos, Brass, Akpo, Bonga, Amenam, Erha and Zafiro are assessed based on the monthly average of their respective spot differentials based on reported trades of crude cargoes published by Platts, Argus and ICIS- LOR covering the Nigeria trading cycle.
3. Yoho, Pennington Light, EA, Okono blend, Okwori, Okoro, Oyo, Abo, Obe, Antan, Ukpokiti, Ima, Okwuibome and Ebok are assessed based on the monthly average of refinery gate values (RGV) for each grade at a typical North West Europe complex refinery published only by Argus and covering the Nigeria trading cycle .
4. Below is the basis for the final assessment.
  - a) Bonny Light is priced using Platts, Argus and ICIS- LOR average because it is assessed by these three publications.
  - b) Qua Iboe is priced using Platts, Argus and ICIS- LOR average because it is assessed by these three publications.
  - c) Escravos is priced using Platts, ICIS and Argus average because it is assessed by these three publications.
  - d) Brass Blend is priced using Platts and Argus average because it is assessed by these three publications.
  - e) Forcados is priced using Platts and Argus average because it is assessed by these three publications.
  - f) Amenam is priced using Argus because it is assessed by only Argus.
  - g) Bonga is priced using Platts and Argus because it is assessed only by these two publications.

- 
- h) Erha is priced using Platts, Argus and ICIS- LOR average because it is assessed by these three publications.
  - i) Agbami is priced using Platts, ICIS and Argus average because it is assessed by these three publications.
  - j) Akpo is priced using Platts because it is assessed by only Platts.
  - k) Zafiro is priced using Argus because it is assessed by only Argus.
  - l) Usan is priced using Platts and Argus because it is assessed only by these two publications.
  - m) Yoho, Pennington Light, EA, Okano blend, Okwori, Okoro, Oyo, Abo, Obe, Antan, Ukpokiti, Ima, Okwubome and Ebok is priced using Argus West Africa Oil report because it is assessed by only Argus.
5. Market price re-alignment factor may be applied across all the crude grades considering the following factors:
- i) The existence of a depressed market situation;
  - ii) The quantum of overhang Nigerian cargoes in the International market.



M.K. KYARI

Group General Manager  
Crude Oil Marketing Division

## Appendix 0-54 Interpretation of Court Ruling

### APPENDIX 3.4.5.1C - FIRS INTERPRETATION OF COURT RULING ON THE USE OF RP



LARGE TAX DEPARTMENT (OIL & GAS)  
DOMESTIC TAX GROUP  
17B, AWOLOWO ROAD, IKOYI, LAGOS

FIRS/LTD/LAGOS/01/2015/4

12th June 2015

The Executive Secretary  
Nigerian Extractive Industry Transparency Initiative  
Maitama,  
Abuja

Attention: Chinenye Okechukwu

#### RE: PRELIMINARY REVIEW OF 2012 NEITI AUDIT REPORT

With reference to your 2012 audit findings resulting in the additional PPT of \$210,052,763.13 and a request that FIRS investigates the issues & raise additional assessments as appropriate, we carried out investigative reviews on the findings and the following observations were made:

- i. NEITI Auditors used **OSP (Official Selling Price)** pricing mechanism during the audit as a basis for ascertaining additional liabilities against the IOC.  
**This has been in contention in the court and the court has advised all parties to use RP (Realizable Price) as the pricing mechanism pending the resolution of the case (Copy of judgment attached)**
- ii. NEITI Auditors computed PPT for Addax using the wrong tax rate.

**The Tax rate applicable to the fiscal regime enjoyed by Addax is 60% and not 85% because Addax is operating a PSC (Production Sharing Contract) and not a JV (Joint Venture)**

- iii. NEITI Auditors reported that there were unclaimed royalties by DPR which needed to be collected.

**Royalties are liabilities allowed as expenses against PPT which reduces the PPT of companies that suffer royalty payments. It is also instructive to note that DPR still has the responsibility to assess and collect Royalty.**

Please find below the template used in treating the issues.

Thank you

**ADEDIRAN, O.O**

Director, Large Tax Department (Oil & Gas) Federal Inland Revenue Service

## Appendix 0-55 Letter Evidence on Usage of RP as OSP by NNPC

### APPENDIX 3.4.5.1D: NNPC OFFICIAL SELLING PRICE (OSP) AS REALISABLE PRICE (RP)

COMDI/COMM/05.12

18th February, 2014

The Managing Director  
Nigerian Agip Exploration Ltd.  
Agip House,  
Victoria Island,  
Lagos

Dear Sir,

#### **RE: FISCAL PRICE FOR DECEMBER 2013**

Please find below the Fiscal Price for Cargoes lifted by your company for December 2013 calculated in accordance with NNPC Prompt Official Selling Price (OSP).

S/N	B/L DATE	VESSEL	ABO	VOLUME (BBL'S)	RP(\$/BBL)
1	12-Dec-13	BLUE SKY		244,445	110.065
2	12-Dec-13	BLUE SKY		105,000	110.065
3	11-Dec-13	CAP ROMUALD		799,862	111.453

Yours Faithfully,  
For: NIGERIAN NATIONAL PETROLEUM CORPORATION

F.E. AMEGO  
For : Group General Manager,  
Crude Oil Marketing Division

**Appendix 0-56 Termination of 2000 MOU and Establishment of New Pricing Regime**

**MINISTRY OF PETROLEUM RESOURCES**

**DEPARTMENT OF PETROLEUM RESOURCES**  
7 Kofo Abayomi Street Victoria Island, Lagos

P.M.B. No. 12650, Lagos  
Telephone: 01 - 2790000

Website: [www.dprnigeria.com](http://www.dprnigeria.com)



Ref. No. PI/TS-STRG/1123/39  
Date: 19<sup>th</sup> June, 2013

The Managing Director,  
(Chairman OPTS)  
Mobil Producing Nigeria Unlimited,  
Mobil House, Lekki Expressway  
Victoria Island, Lagos



**RE: TERMINATION OF 2000 MOU AND ESTABLISHMENT OF NEW PRICING MECHANISM**

I wish to refer you to the lingering dispute between the Government and OPTS in respect of Official Selling Price (OSP) of Nigerian crude streams since January 2008 when the Government terminated the 2000 MOU vide our letter Ref: DPR/DIR/OPTS.04 of January 17, 2008. (See attached).

Since then the OPTS has refused to comply with the directives of the referenced letter on the grounds that the government did not meet the conditions for the termination of the MOU as provided.

This dispute has led to shortfall in payments of Royalty on oil and PPT as well as inconclusive Reconciliation exercise with the OPTS members.

The department had in February 2012 set up a high level committee comprising OPTS members and our officers to resolve all disagreements, one of which is pricing, with a task of establishing a new pricing mechanism.

In carrying out this task, the committee had involved the NNPC-COMD and FIRS officials.

I wish to inform you that the committee has come up with a proposal of a new pricing mechanism with an effective date of 1<sup>st</sup> January 2013.

However there are two major issues that could not be resolved. These issues and respective positions of the entities are shown below.

ISSUES	GOVERNMENT	OPTS	REMARKS
Weighting to be adopted for the price publications	40% Platts, 40% Argos and 20% ICIS-LOR	50% Platts, 30% Argos and 20% ICIS-LOR	Unresolved
Pricing to be adopted for the period January 2008 to December 2012	Official Selling Price (OSP)	Realisable Price (RP)	Unresolved

The Department after going through the OPTS and Government positions, has decided to adopt a midway approach on the dispute as is way forward to resolve the issues as follows:

1. That Realisable price should be used as fiscal price from January 2008 to June 2010.
2. The OSP be used as fiscal price from July 2010 to December 2012
3. The weighting Ratio of 50% Platts, 30% Argos and 20% LOR be adopted for the new pricing mechanism for the first 2 years and thereafter changed to 40% Platts, 40% Argos and 20% LOR.

Accordingly, the above is for your implementation, while the new pricing mechanism takes effect from January 1, 2013.

Please accept the assurance of my highest esteem.

Yours faithfully,



A. O. Okunlola

Director of Petroleum Resources.

## Appendix 0-57 Under-remittance to Federation Account

2014 DOMESTIC CRUDE OIL & GAS SALES RECEIPTS AND REMITTANCES TO FEDERATION ACCOUNT									
		DOMESTIC CRUDE LIFTINGS			CRUDE OIL PAYMENTS				
Lifting Month	Payment Month	1 Volume bbls'000	2 Value USD'000	3 Domestic Crude Lifting N'000	4 Domestic Crude Payment N'000	5 Subsidy N'000	6 Crude and Product Losses N'000	7 Pipeline Maintenance Cost N'000	8=(3-4-5-6-7) Outstanding Domestic Crude Cost N'000
January 2014	April 2014	11,349.82	1,246,019	192,784,136	115,420,041	71,085,832	2,912,259	9,165,415	(5,799,411.13)
February 2014	May 2014	14,625.64	1,613,492	249,687,818	123,230,500	59,584,580	4,396,460	6,669,929	55,806,348.45
March 2014	June 2014	11,465.87	1,233,507	190,885,256	124,769,979	69,132,857	7,173,089	10,541,381	(20,732,050.27)
April 2014	July 2014	10,441.08	1,146,625	177,428,791	91,519,979	71,949,024	7,124,628	9,916,768	(3,081,608.41)
May 2014	August 2014	15,124.92	1,686,160	260,899,559	92,905,187	71,676,785	2,220,074	5,465,364	88,632,150.78
June 2014	September 2014	11,845.58	1,327,828	205,454,825	128,620,628	48,589,411	3,401,948	9,796,646	15,046,191.11
July 2014	October 2014	8,840.43	947,623	146,625,743	110,394,106	37,447,068	5,104,855	8,969,943	(15,290,229.04)
August 2014	November 2014	16,001.51	1,605,867	248,475,901	144,070,856	42,986,179	5,749,834	13,160,010	42,509,021.17
September 2014	December 2014	19,417.86	1,928,380	298,384,511	132,379,606	42,924,849	4,314,123	17,444,133	101,321,798.53
October 2014	January 2015	14,648.38	1,249,736	193,396,590	130,258,255	34,612,317	4,179,073	7,797,441	16,549,503.65
November 2014	February 2015	12,258.64	906,425	140,359,920	72,127,787	60,317,575	3,610,802	7,863,635	(3,559,878.67)
December 2014	March 2015	14,180.83	783,154	130,786,722	94,109,332	41,872,415	5,378,809	17,188,809	(27,762,643.29)
		<b>160,200.56</b>	<b>15,674,817</b>	<b>2,435,169,771</b>	<b>1,359,806,257</b>	<b>652,178,892</b>	<b>55,565,954</b>	<b>123,979,475</b>	<b>243,639,192.87</b>

Source: NNPC

**Appendix 0-58 Analysis of Non-Cash Call Payments**

<b>Analysis of Non-Cash Call Payments</b>					
<b>NAPIMS Advice to CBN</b>			<b>Monetised Value Received into CBN Cash Call Account from JP Morgan</b>		
<b>Date</b>	<b>Details</b>	<b>Amount</b>	<b>Amount</b>	<b>Exchange Rate</b>	<b>Amount</b>
		<b>Naira</b>	<b>US\$</b>		<b>Naira</b>
<b>29-Jan-14</b>	Payment to I.IDI & Partners for NNPC Gas Pipeline ROW for Delta State Stretch-4 OB3 Project	1,225,696.46	154.75		189,676,527.19
<b>29-Jan-14</b>	Payment to I.IDI & Partners for NNPC Gas Pipeline ROW for Delta State Stretch-1 OB3 Project	1,053,859.53	154.75		163,084,762.27
<b>29-Jan-14</b>	Payment to Dupe Longe Associates for NNPC Gas Pipeline ROW for Rivers State Strtch OB3 Project	964,401.14	154.75		149,241,076.42
<b>29-Jan-14</b>	Payment to Oilserv ltd Third Milestone Payment on Engineering Design for OB3 Lot B Project	5,289,977.59	154.75		818,624,032.05
<b>29-Jan-14</b>	Payment to C.O.Akpabor & Co. for NNPC Gas Pipeline ROW for Delta State Stretch-2 OB3 Project	844,430.86	154.75		130,675,675.59
<b>26-Feb-14</b>	GAS INFRASTRUCTURE DEVELOPMENT PROJECT	3,781,006.65	154.75		585,110,779.09
<b>27-Feb-14</b>	GAS INFRASTRUCTURE DEVELOPMENT PROJECT	1,524,154.99	154.75		235,862,984.70
<b>7-Mar-14</b>	JULIUS BERGER FOR WORKS AT OGIDIGBEN GAS REVOL	2,036,957.27	154.75		315,219,137.53
<b>13-Mar-14</b>	HYPROPS ON GAS INFRASTRUCTURE	94,439.62	154.75		14,614,531.20
<b>26-Mar-14</b>	PAYMENT TO ZAKHEM FOR PART C CONSTRUCTION ON ESCRAVOS	2,788,879.56	154.74		431,551,223.11
<b>8-Apr-14</b>	2009 AND 2010 DOM GAS Naira PERFORMANCE BALANCE	13,429,081.04	154.74		2,078,016,000.13
<b>27-May-14</b>	GAS INFRASTRUCTURE DEVELOPMENT				

	PROJECT	481,541.37	154.73	74,508,896.18
<b>21-May-14</b>	GAS INFRASTRUCTURE DEVELOPMENT PROJECT	2,047,317.88	154.73	316,781,495.57
<b>11-Jun-14</b>	GAS INFRASTRUCTURE DEVELOPMENT PROJECT	539,416.49	154.73	83,463,913.50
<b>11-Jun-14</b>	PAYMENT TO NETSOIL PLC AND OIL SERV LTD	8,324,165.42	154.73	1,287,998,115.44
<b>19-Jun-14</b>	GAS INFRASTRUCTURE DEVELOPMENT PROJECT	3,093,747.65	154.73	478,695,573.88
<b>30-Jun-14</b>	GAS INFRASTRUCTURE DEVELOPMENT PROJECT	605,508.04	154.73	93,690,259.03
<b>18-Jul-14</b>	GAS INFRASTRUCTURE DEVELOPMENT PROJECT	1,546,250.92	154.73	239,251,404.85
<b>18-Jul-14</b>	GAS INFRASTRUCTURE DEVELOPMENT PROJECT	1,114,762.51	154.73	172,487,203.17
<b>11-Aug-14</b>	GAS INFRASTRUCTURE DEVELOPMENT PROJECT	7,532,742.33	154.73	1,165,541,220.72
<b>11-Aug-14</b>	GAS INFRASTRUCTURE DEVELOPMENT PROJECT	1,909,396.06	154.73	295,440,852.36
<b>11-Aug-14</b>	GAS INFRASTRUCTURE DEVELOPMENT PROJECT	13,873,914.16	154.73	2,146,710,737.98
<b>22-Aug-14</b>	PROFESSIONAL FEES BALANCE FOR LAND AQUISITION	88,320.83	154.73	13,665,882.03
<b>2-Oct-14</b>	GAS INFRASTRUCTURE DEVELOPMENT PROJECT	3,594,029.82	154.75	556,176,114.65
<b>21-Oct-14</b>	GAS INFRASTRUCTURE DEVELOPMENT PROJECT	2,045,350.47	154.76	316,538,438.74
<b>29-Oct-14</b>	GAS INFRASTRUCTURE DEVELOPMENT PROJECT	339,389.83	154.76	52,523,970.09
<b>24-Nov-14</b>	GAS INFRASTRUCTURE DEVELOPMENT PROJECT	78,997.41	155.59	12,291,207.02
<b>24-Nov-14</b>	GAS INFRASTRUCTURE DEVELOPMENT PROJECT	2,840,077.85	155.59	441,887,712.68

<b>1-Dec-14</b>	GAS INFRASTRUCTURE DEVELOPMENT PROJECT	158,069.87	164.00	25,923,458.68
<b>14-Dec-14</b>	GAS INFRASTRUCTURE DEVELOPMENT PROJECT	178,066.62	167.00	29,737,125.54
<b>14-Dec-14</b>	GAS INFRASTRUCTURE DEVELOPMENT PROJECT	1,033,782.93	167.00	172,641,749.31
<b>14-Dec-14</b>	GAS INFRASTRUCTURE DEVELOPMENT PROJECT	160,337.55	167.00	26,776,370.85
		<b>84,618,070.72</b>		<b>13,114,408,431.53</b>

Source CBN Validated Template for 2014 Audit

## Appendix 0-59 NNPC Domestic Crude Sales Naira Equivalent

<u>NNPC DOMESTIC CRUDE SALES NAIRA EQUIVALENT</u>									
	TOTAL CRUDE INTAKE	AVERAGE UNIT PRICE	EXPORT VALUE	OFFSHORE PROCESSING	PRODUCT EXCHANGE	REFINERY VALUE	TOTAL VALUE	Avg Ex Rate To Naira	Value In Naira
<b>2014</b>	<b>BBLS</b>	<b>US\$</b>	<b>US\$'000</b>	<b>US\$'000</b>	<b>US\$'000</b>	<b>US\$'000</b>	<b>US\$'000</b>		<b>NAIRA</b>
<b>January</b>	11,349,818	109.7832	507,723	211,735	403,288	123,274	1,246,019.49	154.72	192,784,136,075.79
<b>February *</b>	14,625,641	110.2412	463,083	214,289	635,147	300,972	1,613,492	154.75	249,687,818,131.92
<b>March</b>	11,465,874	107.5807	288,179	206,150	517,634	221,544	1,233,507	154.75	190,885,255,501.98
<b>April</b>	10,441,081	109.8186	114,841	102,728	410,176	518,880	1,146,625	154.74	177,428,791,038.15
<b>May</b>	15,124,920	111.5025	313,651	211,203	634,942	526,364	1,686,160	154.73	260,899,559,297.90
<b>June</b>	11,845,576	112.0948	324,293	220,059	526,169	257,307	1,327,828	154.73	205,454,825,151.10
<b>July</b>	8,840,427	107.1920	354,971	203,039	300,798	88,815	947,623	154.73	146,625,743,354.40
<b>August</b>	16,001,512	100.3572	756,350	286,112	562,574	-	1,605,036	154.73	248,347,255,332.38
		-	-	-	-	-	-		128,645,312.55
<b>September **</b>	19,417,861	99.3096	718,704	175,363	442,395	591,919	1,928,380	154.73	298,384,510,690.52
<b>October</b>	14,648,379	85.3156	548,430	167,300	396,865	137,141	1,249,736	154.75	193,396,589,831.32
<b>November</b>	12,258,641	73.9420	428,678	-	412,164	65,583	906,425	154.85	140,359,919,840.92
<b>December</b>	14,180,828	55.2263	412,798	117,797	252,559	-	783,154	167.00	130,786,721,631.42
<b>Total Sales</b>	<b>160,200,558</b>	<b>0.0978</b>	<b>5,231,701.61</b>	<b>2,115,775.93</b>	<b>5,494,709.80</b>	<b>2,831,798.84</b>	<b>15,673,986.19</b>	<b>155.36</b>	<b>2,435,169,771,190.35</b>
<b>NOTES</b>									
*January Export volume of 1,423,678 bbls, valued at US\$155,615,123.79 is included in February 2014, as a result of late delivery of documents for valuation.									
** Ughelli Blend Crude Deliveries from May 2013 to July 2014 (5,386,582 BBLS) was invoiced and included in September 2014 as result of late documentation									
EXCHANGE RATE AS PROVIDED BY CBN MONTHLY.									
Source: Revenue Dept, COMD									

## Appendix 0-60 Under-remittance to Federation Account

2014 DOMESTIC CRUDE OIL & GAS SALES RECEIPTS AND REMITTANCES TO FEDERATION ACCOUNT									
		DOMESTIC CRUDE LIFTINGS			CRUDE OIL PAYMENTS				
Lifting Month	Payment Month	1 Volume bbls'000	2 Value USD'000	3 Domestic Crude Lifting N'000	4 Domestic Crude Payment N'000	5 Subsidy N'000	6 Crude and Product Losses N'000	7 Pipeline Maintenance Cost N'000	8=(3-4-5-6-7) Outstanding Domestic Crude Cost N'000
January 2014	April 2014	11,349.82	1,246,019	192,784,136	115,420,041	71,085,832	2,912,259	9,165,415	(5,799,411.13)
February 2014	May 2014	14,625.64	1,613,492	249,687,818	123,230,500	59,584,580	4,396,460	6,669,929	55,806,348.45
March 2014	June 2014	11,465.87	1,233,507	190,885,256	124,769,979	69,132,857	7,173,089	10,541,381	(20,732,050.27)
April 2014	July 2014	10,441.08	1,146,625	177,428,791	91,519,979	71,949,024	7,124,628	9,916,768	(3,081,608.41)
May 2014	August 2014	15,124.92	1,686,160	260,899,559	92,905,187	71,676,785	2,220,074	5,465,364	88,632,150.78
June 2014	September 2014	11,845.58	1,327,828	205,454,825	128,620,628	48,589,411	3,401,948	9,796,646	15,046,191.11
July 2014	October 2014	8,840.43	947,623	146,625,743	110,394,106	37,447,068	5,104,855	8,969,943	(15,290,229.04)
August 2014	November 2014	16,001.51	1,605,867	248,475,901	144,070,856	42,986,179	5,749,834	13,160,010	42,509,021.17
September 2014	December 2014	19,417.86	1,928,380	298,384,511	132,379,606	42,924,849	4,314,123	17,444,133	101,321,798.53
October 2014	January 2015	14,648.38	1,249,736	193,396,590	130,258,255	34,612,317	4,179,073	7,797,441	16,549,503.65
November 2014	February 2015	12,258.64	906,425	140,359,920	72,127,787	60,317,575	3,610,802	7,863,635	(3,559,878.67)
December 2014	March 2015	14,180.83	783,154	130,786,722	94,109,332	41,872,415	5,378,809	17,188,809	(27,762,643.29)
		<b>160,200.56</b>	<b>15,674,817</b>	<b>2,435,169,771</b>	<b>1,359,806,257</b>	<b>652,178,892</b>	<b>55,565,954</b>	<b>123,979,475</b>	<b>243,639,192.87</b>

Source: NNPC

## Appendix 0-61 Shortfall in Remittance by NNPC

<b>Table showing shortfall in remittance to Federation Account from Domestic Crude proceeds</b>	
	<b>₦</b>
<b>Domestic Crude Sales in 2014</b>	2,435,169,771,190.35
<b>Payments/remittance</b>	1,359,806,256,761.06
<b>Deductions for subsidy, pipeline maintenance and product losses *</b>	831,724,321,555.79
	<b>2,191,530,578,316.85</b>
<b>Shortfall in Payments/Remittance</b>	243,639,192,873.50

\* The sum of N 831,724,321,555.79 is made up of deductions of N652,178,892,312.22 for subsidy, N55,565,954,130.94 for crude and product losses and N123,979,475,112.63 for pipeline maintenance.

**Appendix 0-62 Movement in Crude Oil Revenue Naira Account**

<b>MOVEMENT IN CRUDE OIL REVENUE NAIRA ACCOUNT No.0020157141024</b>	
	<b>₦'Million</b>
<b>OPENING BALANCE AS AT JAN 1 2014</b>	<b>290.14</b>
<b>ADD RECEIPTS</b>	<b>1,492,285.45</b>
	1,492,575.59
	-
<b>LESS PAYMENTS</b>	<b>(1,492,261.00)</b>
<b>Balance as at Dec. 31 2014</b>	<b>314.59</b>

Month	Opening balance	Receipt into the Account	Sweeping to Federation Account	Closing Balance
			N'Billion	
Jan	0.290	130.001	(130.000)	0.291
Feb	0.291	132.321	(132.321)	0.291
Mar	0.291	133.539	(133.051)	0.779
Apr	0.779	131.315	(131.809)	0.285
May	0.285	115.420	(115.420)	0.285
Jun	0.285	123.482	(123.231)	0.537
Jul	0.537	125.660	(125.015)	1.181
Aug	1.181	94.299	(92.410)	3.070
Sep	3.070	103.193	(105.684)	0.579
Oct	0.579	135.807	(135.527)	0.859
Nov	0.859	116.725	(117.292)	0.291
Dec	0.291	150.525	(150.502)	0.315
<b>Total</b>	<b>0.290</b>	<b>1,492.285</b>	<b>(1,492.261)</b>	<b>0.315</b>

**Appendix 0-63 Summary of Movement in NNPC/CBN Gas Revenue Naira Account in 2014**

<b>MOVEMENT IN GAS REVENUE NAIRA ACCOUNT 2014</b>	
	<b>₦ 'Milion</b>
<b>OPENING BALANCE AS AT JAN 1, 2014</b>	<b>600</b>
<b>ADD: RECEIPTS</b>	<b>30,646</b>
	<b>31,246</b>
<b>LESS: PAYMENT</b>	<b>(28,815)</b>
<b>Closing Balance as at Dec 31, 2014</b>	<b>2,431</b>

<b>Month</b>	<b>Opening balance</b>	<b>Receipt into the Account</b>	<b>Sweeping to Federation Account</b>	<b>Closing Balance</b>
	N'Billion	N'Billion	N'Billion	N'Billion
<b>Jan</b>	0.600	3.480	(0.600)	3.480
<b>Feb</b>	3.480	1.866	(3.480)	1.866
<b>Mar</b>	1.866	1.563	(1.866)	1.563
<b>Apr</b>	1.563	2.800	(1.563)	2.800
<b>May</b>	2.800	3.034	(2.800)	3.034
<b>Jun</b>	3.034	4.572	(3.034)	4.572
<b>Jul</b>	4.572	3.792	(4.572)	3.792
<b>Aug</b>	3.792	0.734	(3.792)	0.734
<b>Sep</b>	0.734	0.927	(0.734)	0.927
<b>Oct</b>	0.927	2.514	(0.927)	2.514
<b>Nov</b>	2.514	2.932	(2.514)	2.932
<b>Dec</b>	2.932	2.431	(2.932)	2.431
<b>Total</b>	<b>0.600</b>	<b>30.646</b>	<b>(28.815)</b>	<b>2.431</b>

**Appendix 0-64 Crude Oil Sales and Receipts in 2014**

Cash Basis Receipt from Export Sales			
Payment Date	Sales Invoice Value Settled	Amount Paid	Bank charges
	US\$'000	US\$'000	US\$'000
JANUARY	739,810.14	739,810.09	0.04
FEBRUARY	933,797.27	932,572.36	1,224.90
MARCH	734,861.58	735,225.62	(364.04)
APRIL	1,011,946.54	1,010,219.04	1,715.77
MAY	990,967.98	990,136.84	831.14
JUNE	726,533.83	726,514.74	19.09
JULY	578,327.80	553,421.30	19,520.61
AUGUST	858,394.31	843,520.33	14,873.98
SEPTEMBER	470,943.16	460,557.96	10,385.21
OCTOBER	600,487.69	558,445.81	29,572.18
NOVEMBER	356,003.16	341,003.18	14,999.98
DECEMBER	446,372.57	446,431.11	(58.54)
<b>TOTAL</b>	<b>8,448,446.02</b>	<b>8,337,858.38</b>	<b>92,720.32</b>

\* The figures under the bank charges column in most cases include unutilised credit notes, bank charges and first lifting deposits.

**Appendix 0-65 Gas/NLNG Feedstock Export Sales and Receipts in 2014**

Gas/NLNG Feedstock cash Basis Receipt from Export Sales in 2014			
Months	Sales Invoice Value Settled	Amount Paid	Bank charges *
	US\$'000	US\$'000	US\$'000
JANUARY	48,858.62	43,052.00	5,806.62
FEBRUARY	258,339.47	177,610.76	80,728.71
MARCH	210,198.59	138,537.86	71,660.74
APRIL	325,390.05	263,925.58	61,464.47
MAY	77,352.15	51,429.91	25,922.24
JUNE	188,033.57	128,660.83	59,372.74
JULY	337,032.25	262,965.15	74,067.11
AUGUST	218,068.26	173,928.55	44,139.71
SEPTEMBER	66,206.09	33,336.60	32,869.49
OCTOBER	292,195.81	246,721.32	45,474.49
NOVEMBER	191,089.02	150,423.32	40,665.70
DECEMBER	184,413.67	146,871.83	37,541.83
	<b>2,397,177.56</b>	<b>1,817,463.72</b>	<b>579,713.84</b>

\* The figures under the bank charges column in most cases include unutilised credit notes, bank charges and first lifting deposits.

**Appendix 0-66 2014 Company Level Financial Flows Data Reconciliation**

		Seplat 2014 PAYMENT									
		Entity Figures			Government Agencies			Difference			
		NGN	USD	GBP	NGN	USD	GBP	NGN	USD	GBP	Comments
Royalty(Oil)		139,178,951.00			156,742,866.11			-	(17,563,915.11)	-	Receipts for the difference in payments were provided by Seplat.
Royalty(Gas)		1,053,100.45			1,053,050.45			-	50.00	-	This difference is attributed to charges
PSC Royalty								-	-	-	
Concession rental								-	-	-	
Gas flared		674,528.65			674,478.65			-	50.00	-	This difference is attributed to charges
Signature bonus								-	-	-	
CIT								-	-	-	
VAT	2,093,765,721.34	17,974,172.32			2,093,765,722.34	9,173,959.60		(1.00)	8,800,212.72	-	FIRS confirmed receipt of the payments that made up this difference.
WHT	1,942,017,158.06	17,847,840.31			1,948,986,593.00	10,456,621.08		(6,969,434.94)	7,391,219.23	-	FIRS confirmed receipt of the dollar payments that made up this difference and Seplat provided a telex as evidence for the Naira payment. This was a penalty for late filing.
PAYE	6,966,305.96				6,966,305.96			-	-	-	No difference
PPT						3,152,761.00		-	(3,152,761.00)	-	Seplat provided evidence showing that these payments were made.
EDT								-	-	-	
NCDMB					550,349,635.00	2,776,563.00	12,937.00	(550,349,635.00)	(2,776,563.00)	(12,937.00)	Seplat provided an account statements showing payments of these amounts.
NESS	117,939,644.32				13,420,455.84			104,519,188.48	-	-	Unreconciled
NDDC	1,552,044,826.00	10,748,334.00			1,865,949,487.00			(313,904,661.00)	10,748,334.00	-	The difference in naira was seen in NDDC bank statement as payment received from npdc. NDDC subsequently confirmed receipt of the dollar payments via mail
<b>ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.</b>											

ND WESTERN 2014 PAYMENT							
	Entity Figures		Government Agencies		Difference		Comments
	NGN	USD	NGN	USD	NGN	USD	
Royalty(Oil)		33,371,703.85		33,371,703.85	-	-	No difference
Royalty(Gas)					-	-	
PSC Royalty					-	-	
Concession rental					-	-	
Gas flared					-	-	
Signature bonus					-	-	
CIT					-	-	
VAT	5,287,542.58	115,555.89	5,744,677.41	130,052.34	(457,134.83)	(14,496.45)	All amounts were reconciled. However an excess of USD15,115.13 was seen in the FIRS bank statement as paid for VAT
WHT	3,570,546.31	109,430.89	3,570,546.31	16,797.26	-	92,633.63	All amounts except USD15,115.13 was seen in FIRS bank statement during reconciliation as paid for WHT. For the purpose of this reconciliation we maintained the excess found in VAT account was for WHT
PAYE					-	-	
PPT				498,277.53	-	(498,277.53)	ND Western provided telex as evidence of payments
EDT					-	-	
NCDMB					-	-	
NESS		114,466.55			-	114,466.55	Not reconciled
NDDC					-	-	
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.							

MPNU 2014 PAYMENT														
	Entity Figures				Government Agencies				Difference					
	NGN	USD	EUR	GBP	NGN	USD	EUR	GBP	NGN	USD	EUR	GBP	Comments	
Royalty(Oil)		1,264,522,138.69				1,264,522,138.69			-	(0.00)	-	-	- Reconciled	
Royalty(Gas)									-	-	-	-		
PSC Royalty									-	-	-	-		
Concession rental		52,019.80				52,072.30			-	(52.50)	-	-	- Charges	
Gas flared		1,213,723.74				1,213,723.74			-	-	-	-	- Reconciled	
Signature bonus									-	-	-	-		
CIT		126,972,755.00				126,972,755.00			-	-	-	-	- Reconciled	
VAT	5,909,335,215.25	53,724,251.16			5,909,544,815.25	49,494,566.91			(209,600.00)	4,229,684.25	-	-	VAT naira payment was seen in FIRS bank statement however Mobil does not have an record of the payment. FIRS confirmed receipt of usd4233518.49. However, we were unable to determine who made the payment of usd3834.24 attributed to Mobil by FIRS. Mobil took a stand that the payments were not from the company	
WHT	6,210,131,692.47	67,472,527.80			6,210,550,892.47	67,472,527.76			(419,200.00)	0.04	-	-	WHT naira payment was seen in FIRS bank statement however Mobil does not have an record of the payment. Mobil took a stand that the payments were not from the company	
PAYE	162,601,756.03				162,600,456.03				1,300.00	-	-	-	This was erroneously batched with PAYE by Mobil. This amount was paid as EDT	
PPT	3,063,966,904.40					3,133,782,805.00			-	(69,815,900.60)	-	-	Payments made for MCA PPT was omitted by Mobil when filling the templates evidences of these payment were sent	
EDT	106,398,169.84				1,300.00	106,398,169.84			(1,300.00)	-	-	-	Mobil sent receipt for this payment	
NCDMB	1,115,462,280.14	12,267,683.93	21,507.76	17,690.81	1,021,335,926.00	11,910,508.00	32,489.00	14,335.00	93,926,354.14	357,175.93	(10,981.24)	3,355.81	The initial amounts picked for the governments were not accurate as the trace to the bank statement showed that some payment were not made by Mobil. Initial amounts picked for the Mobil also did not capture the period accurately. After adjustments, differences of ngn402,245.75 and eur1870.91 were arrived at. Mobil does not have record of the naira payment however it was seen in the NCDMB bank statement. Mobil provided a payment advice document for the euro amount however this was not seen in the NCDMB statement. All other amounts were reconciled	
NESS	1,266,788,995.48				246,140,352.10				1,020,648,643.38	-	-	-	- Not reconciled	
NDCC	5,573,300,694.24	27,429,854.00			6,983,140,070.27	29,623,491.00			(1,409,839,376.03)	(2,193,637.00)	-	-	Errors were made in the filling of NDCC templates. Some payments filled were for Esso. NGN16576636.31 was the amount left that could not be traced to the entity that made the payment.	
COMD					143,143,415.45				-	-	-	-	Mobil did not make this payment therefore it is not included in the final figure arrived at.	
Cabotage levy									(143,143,415.45)	-	-	-	- Not reconciled	
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.														

		Neconde 2014 PAYMENT					
	Entity Figures		Government Agencies		Difference		
	NGN	USD	NGN	USD	NGN	USD	Comment
Royalty(Oil)		17,313,015.46		54,766,098.62	-	(37,453,083.16)	Neconde provide receipts for the payments
Royalty(Gas)					-	-	
PSC Royalty					-	-	
Concession rental					-	-	
Gas flared					-	-	
Signature bonus					-	-	
CIT					-	-	
VAT	14,017,023.72	1,574,383.47	14,048,206.48	1,448,556.50	(31,182.76)	125,826.97	Evidence of payment for the VAT naira was provided by Neconde. USD152,648.65 was seen in FIRS bank statement. Receipt for USD 26821 was provided however it was omitted by neconde in the template because it referred to a penalty for late filing.
WHT	18,056,965.18	1,563,925.09	13,900,473.28	1,424,739.09	4,156,491.90	139,186.00	The USD payment was found in FIRS bank statement. The issues on the naira were due to reversals made by the entity that was not taken into account when filing the templates. All necessary representations have been provided.
PAYE					-	-	
PPT					-	-	
EDT					-	-	
NCDMB					-	-	
NESS		158,892.69			-	158,892.69	Not reconciled
NDDC					-	-	
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.							

	Continental Oil & Gas 2014 PAYMENT						
	Entity Figures		Government Agencies		Difference		
	NGN	USD	NGN	USD	NGN	USD	Comments
Royalty(Oil)		43,699,871.00		49,798,024.36	-	(6,098,153.36)	CONOG had omitted this payment when filling the template. Telex was seen for this payment
Royalty(Gas)					-	-	
PSC Royalty					-	-	
Concession rental					-	-	
Gas flare penalty		82,207		145,566.64	-	(63,359.30)	CONOG filled payments made in 2015 for 2014 liabilities however, payment made in 2014 were in
Signature bonus					-	-	
CIT					-	-	
VAT		138,725,594.87			-	138,725,594.87	This payment was made by Con oil on behalf on conog and is denominated in naira. CONOG erroneously filled it as dollar payments
WHT					-	-	
PAYE					-	-	
PPT		86,226,796.34		84,545,351.00	-	1,681,445.34	This payment was made by Con oil on behalf on conog
EDT		2,087,000.00		2,086,972.00	-	28.00	Charges
NCDB		1,443,881.00			-	1,443,881.00	This was an accrual made and not actual payment
NESS	58,363,298.51				58,363,298.51	-	Not reconciled
NDDC					-	-	
COMD					-	-	
Cabotage levy					-	-	
					-	-	
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.							

Conoil 2014 PAYMENT							
	Entity Figures		Government Agencies		Difference		
	NGN	USD	NGN	USD	NGN	USD	Comments
Royalty(Oil)		4,272,501.00		4,272,422.78	-	78.22	Charges
Royalty(Gas)					-	-	
PSC Royalty					-	-	
Concession rental				55,423.47	-	(55,423.47)	The template was not populated. Telex was provided as evidence. This payment was made on behalf of CONOG. The difference is attributed to charges
Gas flare penalty		7,258		10,447.63	-	(3,189.90)	Con oil filled payments made in 2015 for 2014 liabilities however, payment made in 2014 were in respect of 2013 liabilities
Signature bonus					-	-	
CIT					-	-	
VAT	637,750,485.13		776,477,073.98		(138,726,588.85)	-	Payment made on behalf of CONOG
WHT	612,027,889.70		612,027,889.75		(0.05)	-	Reconciled
PAYE					-	-	
PPT		63,809,700.00		65,490,628.34	-	(1,680,928.34)	Payment made on behalf of CONOG
EDT		2,931,000.00		2,930,972.00	-	28.00	Charges
NCDMB		13,282.96			-	13,282.96	This was an accrual not an actual payment
NESS	7,007,363.77			7,007,363.77	-	-	This was an accrual not an actual payment
NDDC		7,000,000.00		6,999,975.00	-	25.00	Charges
COMD					-	-	
Cabotage levy					-	-	
					-	-	
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.							

Brittania 2014 PAYMENT											
	Entity Figures			Government Agencies				Difference			
	NGN	USD	EUR	GBP	NGN	USD	EUR	GBP	NGN	USD	Comments
Royalty(Oil)		50,000.00				49,975.00				25.00	Attributed to bank charges
Royalty(Gas)										-	
PSC Royalty										-	
Concession rental						-				-	
Gas flared		11,122.00				11,097.00				25.00	Attributed to bank charges
Signature bonus										-	
CIT										-	
VAT		50,000.00				50,000.00				-	The figures from both parties were the same
WHT		100,000.00				100,000.00				-	
PAYE										-	
PPT										-	
EDT										-	
NCDMB										-	
NESS	11,573,029.81				11,573,029.81					-	The figures from both parties were the same
NDDC										-	
COMD										-	
Cabbotage										-	
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.											

Oriental 2014 PAYMENT									
	Entity Figures			Government Agencies			Difference		
	NGN	USD	EUR	GBP	NGN	USD	NGN	USD	Comments
Royalty(Oil)		123,858,990.73				123,858,990.73	-	-	No difference was observed however, Oriental has an outstanding liability of 21,260,499.72
Royalty(Gas)							-	-	
PSC Royalty							-	-	
Concession rental						-	-	-	
Gas flared		134,542.59				134,542.59	-	-	No difference was observed however, Oriental has an outstanding liability of 781.99
Signature bonus							-	-	
CIT							-	-	
VAT	1,000,000.00	37,844.00			1,000,000.00	37,844.00	-	-	No difference was observed
WHT							-	-	
PAYE							-	-	
PPT							-	-	
EDT							-	-	
NCDMB		1,232,080.08				1,232,080.08	-	-	No difference was observed
NESS	171,510,504.55				171,510,504.55		-	-	Not reconciled
NDDC		16,898,271.00				16,898,271.00	-	-	No difference was observed
COMD							-	-	
Cabbotage							-	-	
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.									

		Dubril 2014 PAYMENT							
	Entity Figures				Govt Agencies		Difference		
	NGN	USD	EUR	GBP	NGN	USD	NGN	USD	Comments
Royalty(Oil)		1,856,852				1,856,852.00	-	(0)	
Royalty(Gas)							-	-	
PSC Royalty							-	-	
Concession rental						-	-	-	
Gas flare penalty		208,807				208,782.22	-	25	
Signature bonus							-	-	
CIT							-	-	
VAT	62,853,470	26,750.87			66,728,327.50	26,750.87	(3,874,857)	-	FIRS included figures which Dubri could not provide evidence of payment
WHT (Federal)	18,383,449				21,086,749.00	187,782.00	(2,703,300)	(187,782)	FIRS included figures which Dubri could not provide evidence of payment
PAYE							-	-	
PPT							-	-	
EDT	6,796,078				6,796,078.00		-	-	
NCDMB							-	-	
NESS	1,277,401				1,316,156.16		(38,755)	-	This was not reconciled
NDDC	32,500,000.00				32,500,000.00		-	-	
COMD							-	-	
Cabbotage							-	-	
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.									

Chevron 2014 PAYMENT													
	Entity Figures				Government Agencies				Difference				
	NGN	USD	EUR	GBP	NGN	USD	EUR	GBP	NGN	USD	EUR	GBP	Comments
Royalty(Oil)		640,566,693				640,566,692			-	0	-	-	
Royalty(Gas)		28,502,537				28,502,537			-	0	-	-	
PSC Royalty									-	-	-	-	
Concession rental		132,873				132,873			-	-	-	-	
Gas flared		1,588,306				1,588,306			-	(0)	-	-	
Signature bonus									-	-	-	-	
CIT		43,751,965				43,751,965			-	-	-	-	
VAT	4,759,259,823	53,257,496	228,189	17,587	4,824,111,453	31,521,482	174,402	8,610	(64,851,629)	21,736,014	53,787	8,976	Amount populated by FIRS in the template was not accurate.
WHT	5,543,736,721	62,823,343	263,706	17,463	5,490,051,915	50,671,577			53,684,806	12,151,765	263,706	17,463	Amount populated by FIRS in the template was not accurate.
PAYE	1,557,440,012				1,557,440,012				-	-	-	-	Tax on MCA of Oct and Nov 2013 paid in 2014 not included by CNL
PPT		282,138,665				289,340,602			-	(7,201,937)	-	-	Additional assessment paid in 2014 not captured by CNL but captured by FIRS
EDT		49,357,496				49,864,726			-	(507,230)	-	-	NCDMB agency mixed up Stardeep amount with CNL amount
NCDMB	879,468,817	11,329,793	47,536	2,929	1,053,018,473	19,195,387	52,466	32,537	(173,549,656)	(7,865,594)	(4,930)	(29,608)	Not reconciled yet
NESS	580,631,446					446,697,480			133,933,965	-	-	-	Error from NDDC agency
NDDC	3,185,100,000	26,084,000				5,209,077,484	26,083,851		(2,023,977,484)	150	-	-	Error from NIMASA
COMD									-	-	-	-	
Cabotage levy	330,661,927.66	3,031,979.70				210,375,803	2,155,428		120,286,124	876,551	-	-	
	ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.												

		FHN 2014 PAYMENT								
	Entity Figures			Government Agencies				Difference		
	NGN	USD	EUR	GBP	NGN	USD	NGN	USD	Comments	
Royalty(Oil)		14,491,414			17,825,704.15		-	(3,334,290.05)		
Royalty(Gas)							-	-		
PSC Royalty							-	-		
Concession rental					-	-	-	-		
Gas flared					-	-	-	-		
Signature bonus							-	-		
CIT							-	-		
VAT	4,627,772	283,343			5,141,539.94	151,435.02	(513,767.94)	131,907.98	N358,768.32 meant for WHT was reported by FIRS as VAT while N155,000 meant for penalty was reported as VAT	
WHT	6,258,756	279,989			5,899,988.00	75,637.00	358,768.00	204,352.00	N358,768.32 meant for WHT was reported by FIRS as VAT	
PAYE							-	-		
PPT							-	-		
EDT							-	-		
NCDMB	1,160,863	20,873	1,248		1,160,863.00	20,873.00	-	-	Evidence of payment was received from FHN	
NESS	5,646,253.88				850,669.93		4,795,583.95	-	Entity paid N5.646 million with evidence provided while NESS records did not capture right amount	
NDDC							-	-		
COMD							-	-		
Cabbotage							-	-		
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.										

		Optimum 2014 PAYMENT											
	Entity Figures				Government Agencies				Difference				
	NGN	USD	EUR	GBP	NGN	USD	EUR	GBP	NGN	USD	GBP	Comments	
Royalty(Oil)									-	-	-		
Royalty(Gas)									-	-	-		
PSC Royalty									-	-	-		
Concession rental					-				-	-	-		
Gas flared					-				-	-	-		
Signature bonus									-	-	-		
CIT									-	-	-		
VAT					433,853.34	373.00		350.00	(433,853.34)	(373.00)	(350.00)	Entity said payment was made on their behalf by Afren	
WHT									-	-	-		
PAYE									-	-	-		
PPT									-	-	-		
EDT									-	-	-		
NCDMB									-	-	-		
NESS									-	-	-		
NDDC									-	-	-		
COMD									-	-	-		
Cabbotage									-	-	-		
					ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.								

Platform 2014 PAYMENT											
	Entity Figures			Government Agencies				Difference			
	NGN	USD	EUR	GBP	NGN	USD	EUR	GBP	NGN	USD	Comments
Royalty(Oil)		958,720				958,969.35			-	(249.34)	Platform to update their template on the diff
Royalty(Gas)									-	-	
PSC Royalty									-	-	
Concession rental						-			-	-	
Gas flare penalty		224,182				224,156.79			-	25.00	
Signature bonus									-	-	
CIT									-	-	
VAT		215,885			60,314,279.04	1,391,657.94			(60,314,279.04)	(1,175,772.96)	Entity did not populate accurate amount but schedule of total payment was brought during reconciliation and it was reconciled with the FIRS
WHT	75,354,539	485,238.77			56,307,930.00	1,902,598.00			19,046,609.11	(1,417,359.23)	Entity did not populate accurate amount but schedule of total payment was brought during reconciliation and it was reconciled with the FIRS
PAYE									-	-	
PPT									-	-	
EDT		100,216				100,216.00			-	-	
NCDMB	9,705,856.29	86,344.00			9,705,856.29	86,344.00			-	-	
NESS	11,212,315				5,162,270.76				6,050,044.17	-	This was not reconciled
NDDC		2,449,887.00				2,449,887.00			-	-	
COMD											
Cabbotage											
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.											

		Waltersmith 2014 PAYMENT							
	Entity Figures				Government Agencies		Difference		
	NGN	USD	EUR	GBP	NGN	USD	NGN	USD	Resolution/(Agreed)
Royalty(Oil)		5,049,700				5,049,550.24	-	150.00	
Royalty(Gas)							-	-	
PSC Royalty							-	-	
Concession rental						-	-	-	
Gas flared							-	-	
Signature bonus							-	-	
CIT							-	-	
VAT	31,228,415.81				31,228,415.81		-	-	
WHT	31,070,572				29,653,320.00		1,417,252.00	-	Entity captured N1.471 million which is not in the FIRS records
PAYE							-	-	
PPT		1,500,000.00				1,499,975.00	-	25.00	
EDT							-	-	
NCDMB							-	-	
NESS	18,819,604				6,001,998.89		12,817,604.66	-	NESS agency accepted that they under stated amount paid by the entity (the correct amount is N18.819 million)
NDDC							-	-	
COMD							-	-	
Cabbotage							-	-	
	ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.								

Oando 2014 PAYMENT											
	Entity Figures			Government Agencies				Difference			
	NGN	USD	EUR	GBP	NGN	USD	EUR	GBP	NGN	USD	Comments
Royalty(Oil)		92,008,953				91,351,482.69			-	657,470.63	
Royalty(Gas)		11,187,411				11,577,815.33			-	(390,404.20)	
PSC Royalty									-	-	
Concession rental									-	-	
Gas flare penalty		632,280				609,149.00			-	23,130.67	
Signature bonus									-	-	
CIT									-	-	
VAT	92,244,857.87	13,904.69			247,649,062.22	337,432.70			(155,404,204.35)	(323,528.01)	Oando tax representative did not come for the reconciliation
WHT	3,444,335.76	40,787.21			32,230,413.00	123,496.00			(28,786,077.24)	(82,708.79)	Oando tax representative did not come for the reconciliation
WHT- PHILIPS					4,213,568.00	59,410.00			(4,213,568.00)	(59,410.00)	Oando tax representative did not come for the reconciliation
PAYE					52,604,387.00				(52,604,387.00)	-	Oando tax representative did not come for the reconciliation
PPT- JV		2,610,000.00							-	2,610,000.00	Oando tax representative did not come for the reconciliation
PPT- PSC		33,317,752.44				31,018,219.00			-	2,299,533.44	Oando tax representative did not come for the reconciliation
PPT - MF									-	-	
EDT		3,085,804							-	3,085,804.00	Oando tax representative did not come for the reconciliation
NCDMB											
NESS											
NDDC											
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.											

		Shebah 2014 PAYMENT							
	Entity Figures				Government Agencies		Difference		
	NGN	USD	EUR	GBP	NGN	USD	NGN	USD	Comments
Royalty(Oil)							-	-	
Royalty(Gas)							-	-	
PSC Royalty							-	-	
Concession rental						-	-	-	
Gas flared						-	-	-	
Signature bonus							-	-	
CIT							-	-	
VAT	4,520,019.08				4,520,019.08		-	-	The figures from both parties were the same
WHT							-	-	
PAYE							-	-	
PPT							-	-	
EDT							-	-	
NCDMB							-	-	
NESS							-	-	
NDDC							-	-	
COMD							-	-	
Cabbotage							-	-	
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.									

## Stardeep 2014 PAYMENT

	Entity Figures				Government Agencies figures				Difference				Comments
	NGN	USD	EUR	GBP	NGN	USD	EUR	GBP	NGN	USD	EUR	GBP	
Royalty(Oil)									-	-	-	-	
Royalty(Gas)									-	-	-	-	
PSC Royalty						76,739,176.45			-	(76,739,176.45)	-	-	There is figure was wrongly inserted into the template . Stardeep did not pay psc royalty. This has been resolved
Concession rental						25,558.15			-	(25,558.15)	-	-	Error of omission by FIRS. The figure has been traced to the bankstatement of FIRS and found okay
Gas flare penalty		2,758,033.53							-	2,758,033.53	-	-	Error of omission by FIRS. The figure has been traced to the bankstatement of FIRS and found okay
Signature bonus									-	-	-	-	
CIT									-	-	-	-	
VAT	1,580,269,820.11	32,467,750.44			1,580,572,835.92	22,714,953.60	10,426.41	52,352.97	(303,015.81)	9,752,796.84	(10,426.41)	(52,352.97)	Figures wrongly entered by Stardeep before Validation. Stardeep brought receipt as evidence for original payments made and this has been reconciled with the bankstatements of FIRS
WHT	1,850,341,298.99	35,886,778.21			1,838,741,475.00	29,326,010.00			11,599,823.99	6,560,768.21	-	-	Error of omission by FIRS. The figure has been traced to the bankstatement of FIRS and found okay
PAYE									-	-	-	-	
PPT		1,500,646,686.00				1,500,646,688.00			-	(2.00)	-	-	rounding up error
EDT		79,295,599.00				99,119,499.00			-	(19,823,900.00)	-	-	Payment evidence was brought by stardeep to adjust this error
NCDMB	338,036,595.74	7,538,501.94			207,623,533.00	795,944.00			130,413,062.74	6,742,557.94	-	-	Error of omission . The figure has been traced to the bankstatement of NCDMB and found okay. Stardeep also brought evidence of payments to ascertain amount paid
NESS		951,361,047.64			512,812,676.81				(512,812,676.81)	951,361,047.64	-	-	Unreconciled
NDDC		17,164,211.57				17,164,197.57			-	14.00	-	-	Difference as a result of Bank Charges
COMD									-	-	-	-	
Cabotage					9,439,435.74				(9,439,435.74)	-	-	-	Unreconciled
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.													

## Frontier 2014 PAYMENT

	Entity Figures				Govt Agencies				Difference		Comments
	NGN	USD	EUR	GBP	NGN	USD	EUR	GBP	NGN	USD	
Royalty(Oil)									-	-	
Royalty(Gas)									-	-	
PSC Royalty									-	-	
Concession rental						-			-	-	
Gas flared						-			-	-	
Signature bonus									-	-	
CIT									-	-	
VAT	87,793,609.63	665,116.87			87,793,609.63	575,910.23			-	89,206.64	Error of omission by FIRS. The figure has been traced to the bankstatement of FIRS and found okay
WHT	92,832,865.47	685,577.25			89,062,985.00	682,535.00			3,769,880.47	3,042.25	Error of omission by FIRS. The figure has been traced to the bankstatement of FIRS and found okay. There was still an outstanding of \$1260. Frontier oil wrongly included the figure to FIRS VAT payments instead of LIRS VAT
PPT									-	-	
EDT									-	-	
NCDMB									-	-	
NESS									-	-	
NDDC									-	-	
COMD									-	-	
Cabbotage									-	-	
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.											

## Atlas & Summit 2014 PAYMENT

	Entity Figures		Government Agencies								Difference		
	NGN	USD	EUR	GBP	NGN	USD	EUR	GBP	NGN	USD	Comments		
Royalty(Oil)		4,220,313							-	4,220,313.24	Receipts for payments were provided by atlas and reconciled		
Royalty(Gas)									-	-			
PSC Royalty									-	-			
Concession rental						105,099.00			-	(105,099.00)	Evidence of payments were given to proof payments		
Gas flare penalty		103,960				58,108.98			-	45,851.07	This has been reconciled and evidence of payments was given. Atlas oil paid a total sumof \$58,108.98		
Signature bonus									-	-			
CIT									-	-			
VAT- Atlas					570,175.42	588.29			(570,175.42)	(588.29)	Atlas oil filled the templates wrongly before validation. This has been corrected with evidence of payments		
VAT- Summit					2,976,190.48				(2,976,190.48)	-	Summit oil claimed that there was no VAT remmitance in 2014		
WHT									-	-			
PPT									-	-			
EDT									-	-			
NCDMB									-	-			
NESS									-	-			
NDDC									-	-			
COMD									-	-			
Cabbotage									-	-			
									-	-			
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.													

PILLAR 2014 PAYMENT							
S/N	REMITTANCES		FIGURES AS PER ENTITY		FIGURES AS PER GOVT AGENCIES		DIFFERENCES
	NGN	USD	NGN	USD	NGN	USD	
1	Royalty(Oil)		1,241,978		1,241,952.71		25.29
2	Royalty(Gas)		-		-		-
3	PSC Royalty		-		-		-
4	Concession rental		-		-		-
5	Gas flared		-		10,733.77		(10,733.77)
6	CIT		-		-		-
7	Signature bonus		-		-		-
8	WHT - FIRS	42,089,630	678,998	58,035,772.00	1,098,368.00	(15,946,142.00)	(419,370.00)
9	PAYE - Delta	47,315,117.35	-	-	47,315,117.35		TIMING DIFFERENCE
	Lagos	81,729,457.67	-	-	81,729,457.67		11,867,593.04 - received in Jan 2014, relating to 2013 & 4,078,549.04 - received in may, relating to 2011. Receipts were provided. Diff of USD 419,491.60 received in Jan by FIRS, relating to DEc 2013 was omitted. Receipts were provided.
10	PPT		383,938		1,078,049.00		(694,111.00)
11	EDT		-		52,209.00		(52,209.00)
12	NCDMB	11,768,529.98	147,169	12,234,773.27	267,761.09	(466,243.29)	(120,592.44)
13	NESS	2,682,539		-	2,682,539		NCDMB's record is relied on. TIMING DIFFERENCE
14	NDDC		-		979,066.66		No record of Pillar in CBN's record provided.
15	VAT	44,612,555.60	708,024.88	56,866,323.83	1,119,506.92	(12,253,768.23)	(411,482.04)
16	CABOTAGE		-		-		paid 4/7/14 relating t2011 & USD537,142 paid 23/3/14. Swift instructions were provided.
							currency; 450,720.08 paid 10/1/14 relating to Dec 2013, 1,997,860.58 paid 20/1/14 relating to Dec 2013, 1,069,650.65 paid 14/4/14 relating to Oct 2013 & 17,950 aid 24/10/14 relating to oct 2014 were omitted from entity's template. Receipts were provided. NB; Entity filled a lump sum figure in the template. Thus,
							Diff as a result of omission from entity's template, transactions: N12,253,768.23 received in Jan in respect of prior year. TIMING DIFF
							Not Applicable, entity does not own a vessel.
<b>NOTE:</b> ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.							
Evidence of payment of transactions which led to differences have been provided and documented.							
Tax remitted to State governments were not reconciled.							
The reconciled figures have been agreed with the management of the entity, sign-off document has been submitted.							

		Newcross 2014 PAYMENT							
REMITTANCES	FIGURES AS PER ENTITY		FIGURES AS PER GOVT AGENCIES		DIFFERENCES		Comment		
	NGN	USD	NGN	USD	NGN	USD			
Royalty(Oil)		364,801		364,621.62		179.38	Difference is as a result of bank charges.		
Royalty(Gas)		-		-		-			
PSC Royalty		-		-		-			
Concession rental		-		9,878.94		(9,878.94)	Payment was received by DPR on 18/7/14, the payment is with regards a JV asset owned by Newcross.		
Gas flared		95,733		95,626.03		106.97	Difference is as a result of bank charges.		
CIT		-		-		-	Not Applicable		
Signature bonus		-		-		-	Not Applicable		
WHT - FIRS	43,152,722	337,428	43,724,812.00	286,380.00	(572,090.00)	51,048.00	N154,000 received in April relating to 2012 and N418,090.24 received in May and relating to year in view. On the other hand, the difference in dollar currency is as a result of FIRS not recognizing USD50,914 paid in February by entity.		
PAYE	-	-	-	-	-	-	PAYE remittances to state govts were not reconciled.		
PPT		303,342.80		304,262.86		(920.06)	Difference is as a result of USD966.08 received by FIRS 2/1/14 relating to PPT.		
EDT		-		52,209.00		(52,209.00)	Diff as a result from omission from entity's template, transaction;966.08 relates to 2009,received by FIRS in Jan. TIMING DIFF.		
NCDMB	-	-	-	-	-	-	Payments were made by Platform oil on behalf of Newcross		
NESS	-	-	-	-	-	-	Payments were made by Platform oil on behalf of Newcross		
NDDC	-	-	-	-	-	-	Payments were made by Platform oil on behalf of Newcross		
VAT	30,477,263	164,332	30,477,263.20	83,118.48	(0.20)	81,213.52	paid on 27/5/14 relating to 2007-2011 & USD50,914.50 paid on 13/2/14 relating to year in view.		
CABOTAGE		-		-		-	Not Applicable, entity does not own a vessel.		

**NOTE:**

ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.

Evidence of payment of transactions which led to differences have not been provided by Newcross Pet.

Tax remitted to State governments were not reconciled.

The reconciled figures have been agreed with the management of the entity, sign-off document has been submitted.

AMNI 2014 PAYMENT										
REMITTANCES	FIGURES AS PER ENTITY			FIGURES AS PER GOVT AGENCIES			DIFFERENCES			Comment
	NGN	USD	GBP	NGN	USD	GBP	NGN	USD	GBP	
Royalty(Oil)		56,231,377.82			59,335,355.55			(3,103,977.73)		Difference is as a result of an omission in the entity's template. Entity provided an evidence of payment of USD3,104,052.73 received by FIRS in June.
Royalty(Gas)		-			-			-		
PSC Royalty		-			-			-		
Concession rental		-			9,750.76			(9,750.76)		received the payment on 12/2/2014. However, swift instruction was provided by the entity as evidence of payment.
Gas flared		411,953.48			411,928.48			25.00		Difference is as a result of bank charges.
CIT		-			-			-		Not Applicable
Signature bonus		-			-			-		Not Applicable
WHT - FIRS PAYE	35,047,594.48	7,162,107.16		35,994,166.61	4,153,977.90		(946,572.13)	3,008,129.26		Difference in dollar currency is as a result of transaction USD3,008,129.26 paid in Jan 2014 relating to 2013 was initially excluded from FIRS's template but successfully traced to bank statement. Evidence was also provided for the naira currency difference of 946,572.13, which is a PAYE remittances to state govts were not reconciled. Transaction received by FIRS on 17th April, 2014 was omitted from the entity's template. Swift instruction was provided as evidence. Penalty & late interest relating to 2013.
PPT		8,269,205.00			9,013,963.00			(744,758.00)		
EDT		1,432,338.00			1,432,338.00			-		
NCDMB	9,187,090.91	600,277.42	-	9,209,497.00	601,514.00	5,126.00	(22,406.09)	(1,236.58)	(5,126.00)	Received in 26/6/2014 by NCDMB but omitted by the entity.
NESS	123,146,762.02	-		96,642,604.69	-		#####	-		Data from CBN/NESS is insufficient. Entity provided received
NDCC	-	1,950,000.00		-	1,949,964.00			36.00		Difference is as a result of bank charges.
VAT	82,292,004.71	7,027,032.20		86,798,188.75	6,436,536.78		(4,506,184.04)	590,495.42		Template but successfully traced to JP Morgan statement, transaction: USD 584,496.23+6000. On the other hand, evidence of payment for N2,272,330.15 omitted from entity but received by FIRS in Jan relating to 2013 caused the difference. Also, a total sum of N1,235,657.50
CABOTAGE		-			126,151.38			(126,151.38)		
NOTE:	ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.									
Evidence of payment of transactions which led to differences have been provided, nothing for cabotage was provided.										
Tax remitted to State governments were not reconciled.										
The reconciled figures have been agreed with the management of the entity, sign-off document has been submitted.										

TOTAL UPSTREAM 2014 PAYMENT																			
S/N	REMITTANCES	FIGURES AS PER ENTITY				FIGURES AS PER GOVT AGENCIES						DIFFERENCES				Comments			
		NGN	USD	GBP	EUR	KRW	NOK	NGN	USD	GBP	EUR	KRW	NOK	NGN	USD	GBP	EUR	KRW	NOK
1	Royalty(Oil)		-						-										
2	Royalty(Gas)		-						-										
3	PSC Royalty		-						105,983,874.53						(105,983,874.53)				
4	Concession rental		-						-										
5	Gas flared		255,771						56,740.01						199,030.99				
6	CIT		-						-						-				
7	Signature bonus		-						-						-				
8	WHT - FIRS	2,757,188,990	69,523,678					2,757,188,990.00	71,793,738.00						(2,270,060.00)				
9	PAYE		-						-										
10	PSC PPT		438,070,411						701,261,025.24						(263,190,614.07)				
11	PPT		257,960,318						190,202,695.00						67,757,623.00				
10	EDT		109,392,616						81,643,882.00						27,748,734.00				
12	NCDMB	615,808,711	16,608,570	109,718	204,476	1,854,460	5,199								615,808,711.00	16,608,570.00	109,718.00	204,476.00	1,854,460.00
13	NESS	225,700,523	-												225,700,523.00	-			
14	NDDC	2,317,474,358	35,156,262						62,898,909.75						2,317,474,358.00	(27,742,647.75)			
15	VAT	2,781,382,661	61,161,458					2,781,382,660.66	54,932,858.59						0.34	6,228,599.41			
16	CABOTAGE	85,429,034.53	842,911.22					103,261,572.98	-						(17,832,538.45)				
NOTE:		ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.																	
SIAO & TUPNI could not come to agreement with some figures at the sign-off stage. TUPNI promised to liaise but did not. Thus, the entity is yet to sign-off.																			
Tax remitted to State governments were not reconciled.																			

				ESSO-ERHA 2014 PAYMENT										
REMITTANCES		FIGURES AS PER ENTITY				FIGURES AS PER GOVT AGENCIES				DIFFERENCES				
		NGN	USD	EUR	GBP	NGN	USD	EUR	GBP	NGN	USD	EUR	GBP	Comments
Royalty(Oil)		-				-				-				
Royalty(Gas)		-				-				-				DPR has no figure in template, this is as a result of NNPC not remitting to DPR. Furthermore,difference cannot be reconciled because of the current dispute regarding basis of computation not agreed between all PSC entities and COMD.
PSC Royalty		6,074,268.00				-				6,074,268.00				
PSC PPT		1,134,208,546.00				1,618,378,615.65				(484,170,069.65)				Same as above
Concession rental		-				-				-				Remittance not applicable to entity, entity does not own OML.
Gas flared		1,514,096				3,093,475.79				(1,579,379.79)				Diff is as a result of DPR merging transaction for ESSO - USAN with ERHA now separated.
CIT		12,305				-				12,305.00				The difference is as a result of CIT on local interest income - transaction was done in naira as shown in FIRS receipt issued to the entity, not captured by FIRS.
Signature bonus		-				-				-				Not Applicable
VAT	1,294,478,480.00	14,421,407				1,294,478,479.65	19,371,019.87			0.35	(4,949,612.87)			USD2,529,103.79 received in Sept was wrongly posted by FIRS as USAN's now corrected, 964,864.17 paid in april was not captured by FIRS.
WHT - FIRS	1,363,291,773.00	13,919,643				1,363,291,772.12	20,094,012.24			0.88	(6,174,369.24)			Transactions; USD 209,821.05-April, 3,887,995.63-Jun & 2,076,552.66-Oct were captured by FIRS as Erha's instead of Usan. Reclassified by FIRS.
PAYE	4,754,283.68	-				4,754,184.00				99.68				Difference is as a result of bank charges.
PPT		1,451,368,262				-				1,451,368,262.00				FIRS has no record of this transaction. This is because NNPC ought to remit on behalf of the entity which is not likely to have been done. Also, COMD and the entity need to agree on the basis of computation as PPT is lifted as oil.
EDT	-	75,319,648				272,883.00	75,319,648.00			(272,883.00)	-			Diff is as a result of two transactions omitted by the entity (N241, 487.33 - paid in August) and (N31,264.11- paid in june, but relates to deepwater west). Tax receipts were provided.
NCDMB	295,420,678.33	3,895,235	11,514.80	4,450.34						295,420,678.33	3,895,235.00	11,514.80	4,450.34	NCDMB initially merged payments for both EHRA & USAN in the same template now separated. Refer to Usan's schedule.
NESS	188,347,556.27	1,197,409.60				207,945,516.95	-			(19,597,960.68)	1,197,409.60			Transactions; N21,596,455.98 paid 25 Feb & N18,235,457.63 paid 11 Dec were omitted from CBN/NESS template.
NDDC	1,676,206,433.00	16,952,871				316,559,691.00	40,578,273.00			1,359,646,742.00	(23,625,402.00)			NDDC initially merged payments for both EHRA & USAN in the same template now separated. Refer to Usan's schedule. USD 480,689 recorded thrice (Mar) as against twice relating to Nov & Dec 2013 received in Jan & Feb in entity's template.
CABOTAGE	17,316,699.53	157,766.90				95,217,022.88	-			(77,900,323.35)	157,766.90			The figures on NIMASA's template could not be matched successfully to either EHRA/USAN.

**NOTE:** ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.

Evidence of payment of transactions which led to differences have been provided and documented.

Tax remitted to State governments were not reconciled.

The reconciled figures have been agreed with the management of the entity, sign-off document has been submitted.

					ESSO -USAN 2014 PAYMENT									
REMITTANCES		FIGURES AS PER ENTITY			FIGURES AS PER GOVT AGENCIES			DIFFERENCES						
		NGN	USD	EUR	GBP	NGN	USD	EUR	GBP	NGN	USD	EUR	GBP	Comments
Royalty(Oil)														
Royalty(Gas)			-											
PSC Royalty			347,761,658.00				327,404,763.12				20,356,894.88			Diff not be reconciled because of the current dispute regarding basis of computation not agreed between all PSC entities and COMD. Basis of computaion needs to be agreed on by both parties.
PSC PPT							50,079,222.84				(50,079,222.84)			Same as above
Concession rental			-				-				-			Remittance not applicable to entity, entity does not own OML.
Gas flared			1,579,380				-				1,579,380.00			Diff is as a result of DPR merging transaction for ESSO - USAN with ERHA now separated.
CIT			-				-				-			
Production bonus			9,045,000.00				-				9,045,000.00			Diff not be reconciled because of the current dispute regarding basis of computation not agreed between all PSC entities and COMD. Basis of computaion needs to be agreed on by both parties.
VAT		790,892,911.98	17,906,974			790,892,911.98	11,769,827.45				6,137,146.35			A total sum of USD 8,443,580.93 was captured as Erha's instead of Usan. Also USD22,669.21 paid in April was initially not captured by FIRS.
WHT - FIRS		780,814,388.42	17,440,591			780,814,388.42	11,255,514.92				6,185,075.83			As a result of wrong capturing of Erha instead of Usan ( see Erha's schedule for trans details). Also, 10,706.49 relating to Mar was initially not captured by FIRS.
PAYE		382,995.10	-			382,995.10								No difference.
PPT			-				-							No remittance was made during the year in view
EDT		-	40,526,168				40,526,168.00				(0.08)			
NCDMB		192,251,686.89	4,182,960	27,194.94	2,886.41	467,719,885.00	7,051,358.00	31,716.00	6,072.00	(275,468,198.11)	(2,868,398.20)	(4,521.06)	(3,185.59)	NCDMB initially merged payments for both EHRA & USAN in the same template now separated.
NESS		198,004,381.68	1,258,826.84			207,945,516.95	-			(9,941,135.27)	1,258,826.84			Not transaction was successfully matched to CBN/NESS's template.
NDDC		1,198,914,514.00	23,144,713							1,198,914,514.00	23,144,713.00			NDDC initially merged payments for both EHRA & USAN in the same template now separated. Refer to Erha's schedule.
CABOTAGE		80,002,758.03	679,509.70				-			80,002,758.03	679,509.70			Refer to Erha's schedule

**NOTE:** ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.

Evidence of payment of transactions which led to differences have been provided and documented.

Tax remitted to State governments were not reconciled.

The reconciled figures have been agreed with the management of the entity, sign-off document has been submitted.

NPDC 2014 PAYMENT										
	Entity Figures			Government Agencies			Difference			
	NGN	USD	GBP	NGN	USD	GBP	NGN	USD	GBP	Comments
Royalty(Oil)		327,395,955.86			492,386,321.22		-	(164,990,365.36)	-	Receipts for the difference in payments were provided by NPDC via email after reconciliation
Royalty(Gas)							-	-	-	
PSC Royalty							-	-	-	
Concession rental				110,970.00			-	(110,970.00)	-	
Gas flared							-	-	-	
Signature bonus							-	-	-	
CIT							-	-	-	
VAT	5,058,013,204.08			33,645,475.75	840,099.62		5,024,367,728.33	(840,099.62)	-	NPDC did not provide information to substantiate their claim
WHT	7,388,122,955.09			70,321,401.00	353,572.00		7,317,801,554.09	(353,572.00)	-	NPDC did not provide information to substantiate their claim
PAYE				529,613.00			(529,613.00)	-	-	
PPT		321,180,000.00			1,248,460,000.00		-	(927,280,000.00)	-	NPDC did not provide further evidence to substantiate govt agency claim
EDT							-	-	-	
NCDMB				221,637,554.00	2,293,987.00		(221,637,554.00)	(2,293,987.00)	-	The document provided by NPDC after reconciliation is N3,629,849.50. Hence we could not reconcile NCDMB figure
NESS							-	-	-	
NDDC	1,000,000,000.00			1,208,539,794.00	619,700.00		(208,539,794.00)	(619,700.00)	-	NPDC only provided evidence of payment for 1Billion Naira and claim that the 208 million naira is paid on behalf NAPIMS
				ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.						

SPDC 2014 PAYMENT							
	Entity Figures		Government Agencies		Difference		Comments
	NGN	USD	NGN	USD	NGN	USD	
Royalty(Oil)		782,335,289		653,087,489.00	-	129,247,800.00	This was initially captured wrongly. There is however no difference
Royalty on MCA (Oil)		21,023,763		23,335,665.84	-	(2,311,902.84)	SPDC forwarded evidence for the difference which were payments on behalf of JV partners.
Royalty(Gas)		34,694,452		37,116,024.00	-	(2,421,572.00)	this amount was wrongly captured by DPR by duplicating sept payment.
Concession rental		321,900.00		321,900.00	-	-	no difference
Gas flared		828,882		828,882.00	-	-	no difference
Signature bonus					-	-	
CIT		142,289,779		142,301,820.00	-	(12,040.97)	This is as a result of FIRS recording 75138.55USD instead of 62985 USD paid by SPDC
VAT	9,233,373,984.42	66,534,459.85	9,311,427,352.76	82,083,622.24	(78,053,368.34)	(15,549,162.39)	This item was not reconciled. The SPDC representative that came said another will be sent for this reconciliation that she cannot reconcile VAT
WHT	10,133,913,444.52	68,277,366.12	9,225,910,274.00	81,083,642.00	908,003,170.52	(12,806,275.88)	This item was not reconciled. The SPDC representative that came said another will be sent for this reconciliation that she cannot reconcile WHT
PAYE	20,754,431,498.04				20,754,431,498.04	-	This was not reconciled because FIRS did not have PAYE records with them for reconciliation
PPT		859,117,850		921,903,392.00	-	(62,785,542.00)	FIRS included MCA on PPT 41,857,028 USD in their record with payment of other JV partners. Total; 13,952342.76 USD and Agip;6,976,171.37 USD
EDT		47,556,884.00		47,556,885.00	-	(1.00)	no difference
NCDMB	1,697,341,409.99	9,657,421.53	1,697,341,410.00	14,682,549.00	(0.01)	(5,025,127.47)	This was not reconciled
NESS			582,085,596.95		(582,085,596.95)	-	Not reconciled
NDDC	11,708,980,427.18	57,215,563.11	13,623,955,680.00	72,037,390.21	(1,914,975,252.82)	(14,821,827.10)	This was not reconciled
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.							

SNEPCO 2014 PAYMENT							
	Entity Figures		Government Agencies		Difference		
	NGN	USD	NGN	USD	NGN	USD	Comments
Royalty(Oil)		47,525,640		95,926,674.50		(48,401,034.50)	We could not reconcile this as both parties, DPR and SNEPCo did not agree on the paramnts of arriving at this PSC figures
Royalty(Gas)					-	-	
PSC Royalty					-	-	
Concession rental					-	-	
Gas flared		94,915.24		270,064.67	-	(175,149.43)	Reconciled. SNEPCO provided swift payment print out for 233,598.67 USD and 46,467 USD
Signature bonus					-	-	
CIT					-	-	Reconciled
VAT	2,470,868,088.90	24,989,423.16	2,455,915,158.16	8,655,064.72	14,952,930.74	16,334,358.44	however Mobil does not have an record of the WHT naira payment was seen in FIRS bank statement however Mobil does not have an record of the payment.
WHT	2,601,802,638.65	23,346,001.52	2,587,098,558.00	23,332,221.00	14,704,080.65	13,780.52	This was not reconciled because FIRS did not have paye document with them for reconciliation. They said it is their Abuja office that handles paye
PAYE	9,529,098.41				9,529,098.41	-	Payments made for MCA PPT was omitted by Mobil when filling the templates evidences of these payment were sent
PPT		1,802,159,382		2,184,427,111.00	-	(382,267,729.00)	
EDT		92,874,436.00		92,875,336.00	-	(900.00)	SNEPCO sent in evidence for this payment
NCDMB							The initial amounts picked for the governments were not accurate as the trace to the bank statement showed that some payment were not made by Mobil. Initial amounts picked for the Mobil also did not capture the period accurately. After adjustments, differences of ngn402,245.75 and eur1870.91 were arrived at. Mobil does not have record of the naira payment however it was seen in the NCDMB bank statement. Mobil provided a payment advice document for the euro amount however this was not seen in the NCDMB statement. All other amounts were reconciled
NESS	400,443,442				-		- Not reconciled
NDCC	4,099,896,445	32,224,077	5,492,434,794.00	33,107,090.00	(1,392,538,349.00)	(883,013.00)	Errors where made in NDDC template for the Naira difference while the dollar difference was a payment made in 2013 and NDDC captured it in 2104
COMD					-	-	
Cabotage levy	907,768.77	83,491,566.16		438,711.65	907,768.77	83,052,854.51	Not reconciled
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.							

STATOIL 2014 PAYMENT							
	Entity Figures		Government Agencies		Difference		
	NGN	USD	NGN	USD	NGN	USD	Comment
Royalty(Oil)					-	-	
Royalty(Gas)					-	-	
PSC Royalty					-	-	
Concession rental					-	-	
Gas flared					-	-	
Signature bonus					-	-	
CIT					-	-	
VAT	19,557,668.02		17,730,693.13		1,826,974.89	-	The template was repopulated by statoil, the difference is a payment made by stat oil in december 2014 not in FIRS template for 2014
WHT	8,582,799		7,455,160.00		1,127,639.48	-	The difference is as a result of 790,346 USD payment made in December 2013 that is not in Statoil template and the payment made by statoil in November and december template not in FIRS records
PAYE					-	-	
PPT				1,253,343,292.00	-	(1,253,343,292.00)	Not reconciled
EDT		57,164,581		57,164,581.00	-	0.19	No difference
NCDMB	1,767,431.26				1,767,431.26	-	No difference
NESS	164,323,439.10		152,029,235.05		12,294,204.05	-	Reconciled but Statoil is yet to provide the swift copy of the difference as promised
NDDC	1,162,960,533.65	9,143,447.81	1,711,032,816.79	14,301,087.03	(548,072,283.14)	(5,157,639.22)	Not reconciled because NDDC was not available on this day
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.							

	PANOCEAN 2014 PAYMENT						
	Entity Figures		Government Agencies		Difference		
	NGN	USD	NGN	USD	NGN	USD	Comments
Royalty(Oil)					-	-	
Royalty(Gas)					-	-	
PSC Royalty					-	-	
Concession rental					-	-	
Gas flare penalty					-	-	
Signature bonus					-	-	
CIT					-	-	
VAT	14,179,373	110,900.70	14,179,373.14	110,900.70	-	-	No difference Panoccean said this difference was an error from FIRS. This payment was reversed in POOC records and FIRS still insist that they received the payment
WHT	14,866,683	110,901	20,639,342.00	1,110,876.00	(5,772,659.33)	(999,975.30)	
PAYE					-	-	
PPT		130,258		1,130,233.00	-	(999,975.48)	
EDT					-	-	Charges Reconciled. POOC provided a bank statement showing payment for this but they didn't populate the template
NCDMB			20,001,078.00		-	-	
NESS					-	-	
NDDC					-	-	
COMD					-	-	
Cabotage levy					-	-	
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.							

	APDNL 2014 PAYMENT						
	Entity Figures		Government Agencies		Difference		
	NGN	USD	NGN	USD	NGN	USD	Comments
Royalty(Oil)		122,993,243.00			-	122,993,243.00	Charges
Royalty(Gas)					-	-	
PSC Royalty				391,091,212.00	-	(391,091,212.00)	
Concession rental		24,821.60		7,200.00	-	17,621.60	Addax presented all evidence of payments and DPR was asked to reconcile this
Gas flare penalty		1,970,446		2,428,613.48	-	(458,167.57)	Addax presented all evidence of payments and DPR was asked to reconcile this
Signature bonus					-	-	
CIT					-	-	
VAT	1,208,670,948.63	14,773,687.85	1,255,761,979.33	12,586,123.49	(47,091,030.70)	2,187,564.36	The difference is between the two company APDNL & APENL. i. e FIRS interchanged payments and Addax did not have payment made in 2013 and received by FIRS in 2014 in their initial template. Also Addax did not recognise OPL 227 while FIRS captured it
WHT	1,220,668,203.66	15,119,167.49	1,268,596,539.00	16,137,779.00	(47,928,335.34)	(1,018,611.51)	The difference is between the two company APDNL & APENL. I. e FIRS interchanged payments and Addax did not have payment made in 2013 and received by FIRS in 2014 in their initial template. Also Addax did not recognise OPL 227 while FIRS captured it
PAYE			14,455,114.00		(14,455,114.00)	-	Not reconciled
PPT		408,595,081.56		250,409,953.00	-	158,185,128.56	Not reconciled
EDT		22,940,423.77		22,940,424.00	-	(0.23)	No difference
NCDMB	434,283,880.84	5,128,055.62			434,283,880.84	5,128,055.62	NCDMB captured APDNL and APENL as a single company and Addax was asked to populate to reflect the 2103 payment received by NCDMB in 2014
NESS	109,462,300.19				109,462,300.19	-	Not reconciled
NDDC		44,071,536.00			-	44,071,536.00	NDDC captured the two Adax as one company, the difference that arose was as a result of 2013 payment captured in 2014 by NDDC which was not in the initial template of Addax
COMD					-	-	
Cabotage levy					-	-	
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.							

APENL 2014 PAYMENT								
	Entity Figures		Government Agencies		Difference			
	NGN	USD	NGN	USD	NGN	USD	Comments	
Royalty(Oil)		40,236,538.00			-	40,236,538.00	Charges	
Royalty(Gas)					-	-		
PSC Royalty				129,368,652.00	-	(129,368,652.00)		
Concession rental					-	-		
Gas flare penalty		472,729	1,970,445.91	2,428,613.48	-	(1,955,884.27)	The difference is as a result of bank charges and underpayment on the parts of Addax	
Signature bonus					-	-		
CIT					-	-		
VAT	752,636,439	11,123,394	831,940,109.33	11,667,804.84	(79,303,669.84)	(544,410.94)	The difference is between the two company APDNL &APENL. I. e FIRS interchanged payments and Addax did not have payment made in 2013 and received by FIRS in 2014 in their initial template. Also Addax did not recognise OPL 227 while FIRS captured it	
VAT ADDAX OPL 227			7,425,528.71	67,550.29	(7,425,528.71)	(67,550.29)		
WHT	752,841,960	11,184,106	615,981,426.00	11,254,436.00	136,860,534.11	(70,330.29)	The difference is between the two company APDNL &APENL. I. e FIRS interchanged payments and Addax did not have payment made in 2013 and received by FIRS in 2014 in their initial template. Also Addax did not recognise OPL 227 while FIRS captured it	
WHT ADDAX OPL 227			7,425,529.00	70,134.00	(7,425,529.00)	(70,134.00)	The difference is between the two company APDNL &APENL. I. e FIRS interchanged payments and Addax did not have payment made in 2013 and received by FIRS in 2014 in their initial template. Also Addax did not recognise OPL 227 while FIRS captured it	
PAYE			1,685,483.00		(1,685,483.00)	-	Not reconciled	
PPT	114,471,587.95			491,623,706.00	-	(377,152,118.05)	Not also reconciled	
EDT	9,612,818.00			9,612,818.00	-	-	No difference	
NCDMB							NCDMB captured APDNL and APENL as a single company and Addax was asked to populate to reflect the 2103 payment received by NCDMB in 2014	
NESS	94,893,489.79		606,739,834.62		(606,739,834.62)	-	Not reconciled	
NDDC		18,260,804.00			-	18,260,804.00	NDDC captured the two Adax as one company, the difference that arose was as a result of 2013 payment captured in 2014 by NDDC which was not in the initial template of Addax	
COMD					-	-		
Cabotage levy					-	-		
ALL PAYMENTS REMITTED TO STATE GOVERNMENTS ARE NOT IN THIS SCHEDULE AND ARE UNRECONCILED.								

## Appendix 0-67 Beneficial Owners

	FULL LEGAL NAME OF COMPANY	RC NUMBER	CONTACT ADDRESS	BENEFICIAL OWNERS/SHAREHOLDERS	DATE WHEN BENEFICIAL INTEREST WAS ACQUIRED	DECLARANT	NAME OF AGREEMENT
1	ALLIED ENERGY PLC	RC No. 180681	Plot 1649 Olosa Street, Victoria Island, Lagos	1. Camac Energy Holdings Limited 2. Limota Asande Lawal	3, 999, 999, 998 2	Name: ADEKUNLE ALLI Position: ED, FINANCE Email: Adekunle.alli@camac.com Telephone: 07034182968	MFO & SR
2	ATLAS PETROLEUM INTERNATIONAL LIMITED	RC163530	1A CHRIS MADUIKE STREET LEKKI PHASE 1, LAGOS	PRINCE ARTHUR EZE IKECHUKWU EZE WALTER EZE	40% 33.68% 6.32%		sole risk
3	AMNI	RC 229401	Plot 1377 Tiamiyu Savage Street, Victoria Island, Lagos	Kapetrol Nigeria Limited Chief Tunde J. Afolabi	99.3 0.7		sole risk basis
4	Britania U						
5	CAMAC	RC No. 180681	Plot 1649 Olosa Street, Victoria Island, Lagos	1. Camac Energy Holdings Limited 2. Limota Asande Lawal	3, 999, 999, 998 2	Name: ADEKUNLE ALLI Position: ED, FINANCE Email: Adekunle.alli@camac.com Telephone: 07034182968	
6	CONTINENTAL OIL AND GAS LIMITED		1, MIKE ADENUGA CLOSE, OFF ADEOLA ODEKU, VICTORIA ISLAND, LAGOS.	MRS BELINDA O. DISU MR. OLUWANIYI ADEWUMI	85 15	Name: Akeem Adekunbi Position: Company Secretary/Legal Adviser Email: akeem.adekunbi@conoilproducing.com Telephone: 08074313297	
7	ConOil PRODUCING LIMITED		1, MIKE ADENUGA CLOSE, OFF ADEOLA ODEKU, VICTORIA ISLAND, LAGOS	DR. MIKE ADENUGA Jnr	40	Name: OVO MADOGHWE	

8	Dubri			MRS. BELINDA O. DISU AFOLASHADE E. M ADENUGA RICHARD ADENIYI T. ADENUGA	20 20 20		Position: HEAD OF LEGAL/COMPANY SECRETARY Email: mike.madoghwe@conoilproducing.com Telephone: 08057147002	
9	Energia	RC424454	Plot 29, Prof Kiumi Akingbehin Street, Off Mike Adegbite Street, Off Ladipo Omotosho Cole Street, 2nd Roundabout (Marwa Busstop), Lekki Phase 1, Lekki Epe Expressway	Aribol Co Limited CISCON Nigeria Limited International Diamond OR Limited OILDATA Nigeria Limited Sowsco Well Service			Name: Felix V. Amieyefori Position: Managing Director Email: felixvenergiang@gmail.com Telephone: 07098716177	Farm Out Agreement
10	Express Petroleum and Gas Company Limited	N/A	11, Babatunde Jose Road (former festival road), Victoria Island, Lagos	Aminu Alhassan Dantata Tajuddeen Aminu Dantata Abubakar Sadik Aminu Dantata Hassan Aminu Dantata Ummalkhair Aminu Dantata	96 1 1 1 1	1990 2006 2006 2006 2006	Name: Abubakar Sadik Aminu Dantata Position: Executive Director Email: abbakardantata@yahoo.com Telephone: 0803 360 3545	sole risk
11	FHN 26 LIMITED	RC 916658 TIN: 10800804-0001	13A A.J MARINHO DRIVE, VICTORIA ISLAND LAGOS	First Hydrocarbon Nigeria Company Limited Faiz Imam	99.99 0.01			
12	Frontier Oil Limited	RC 411784	9C Joseph Adu Street, Oniru Estate, Victoria Island, Lagos	Moni Assets Ltd Olarewaju Osho Akin Aruwajoye Iyono Ltd Rhodax Holdings Latitude Energy Investments Ltd.	12.6 13.06 12.42 12.68 10.36 13.06		Name: Dada Thomas Position: Managing Director Email: dada.thomas@frontieroilltd.com Telephone: 08025368168	Joint Operating Agreement and Farm Out Agreement

13	Midwestern OIL & GAS COMPANY LIMITED	RC370639	11 ABIMBOLA AWONIYI CLOSE, OFF KASUMU EKEMODE STREET, VICTORIA ISLAND, LAGOS, NIGERIA.	Walstrand Ltd BANIBAR ENERGY AND PROJECT LTD PRINCIPAL POWER COMPANY LTD Akka Energy Nigeria Limited Delta State Government (Ministry of Finance) Jupiter Asset Management Limited First Environment & Safety Co. Limited Landsdale Int'l Limited Tocib Investment Nigeria Limited Prime Comfort Inv. Trust Co. Limited Ricon Investment and Company Limited Glynport Services Limited Salta Integrated Concept Ltd. Chadgo Investment Limited Murgs Ventures Limited	22.38 12.67 1.19 18.12 18.12 9.06 2.72 2.72 0.45 0.45 0.91 1.81 8.52 0.45 0.45		Name: BLESSING AYEMHERE Position: GM, COMMERCIAL & HEAD, FINANCE Email: blessing.ayemhere@midwesternog.com Telephone: 08056696460	
14	Moni Pulo Limited	183333	NO 5 ODONI STREET, AMADI FLATS, PORT HARCOURT, RIVERS STATE	DR. (MRS) SEINYE LULU-BRIGGS OLU BENSON LULU BRIGGS FOUNDATION MRS. SOLATE OVUNDAH-AKAROLO RACHAEL LULU-BRIGGS	80 10 5 5			
15	Niger Delta Petroleum Resources Limited (NDPR)	RC 256022	15, Babatunde Jose Street, Victoria Island, Lagos	Niger Delta Exploration & Production Plc Mr. Goodie Ibru (In trust for NDEP)	99.99 0.01		Name: Dr. Layi Fatona Position: Managing Director Email: layifatona@ngdelta.com Telephone: (01-4619126-7)	Farmout agreement by and among Niger Delta Petroleum Resources Limited and NNPC and Chevron
16	Neconde							

17	New Cross Petroleum Limited	PRIVATE	FF TOWER, LIGALI AYORINDE STREET, VICTORIA ISLAND, LAGOS	DR FESTUS FADEYI FADCO INVESTMENT LTD DR GREG ERO JUSTICE ADEBIYI (RTD) ALH M.D. YUSUF DR BOLAJI OGUNDARE	20 40 10 15 15 0		Name: DR BOLAJI OGUNDARE Position: MANAGING DIRECTOR Email: bolaji.ogundare@newcrosspet.com Telephone: 012798968	PSC AGREEMENT JV AGREEMENT (MARGINAL FIELD)
18	Optimum Petroleum Development Limited	RC: 196684	19B COOPER ROAD, IKOYI, LAGOS.	BABA IBRAHIM BUNU CHIEF ADELU D. RICHARD ENGR. YUSUF NJIE ABDULAHI ABOKIE	50 16 24 10			
19	Oriental Energy Resources Limited	RC 153400	Pot 397, Muhammadu Buhari Way, CBD, Abuja	Alhaji (Dr.) Muhammadu Indimi Jubrilla Indimi Ahmed Indimi Ameena Indimi Ibrahim Indimi Mustapha Indimi Amina Fodio Zara Indimi Yakolo Indimi	60 5 5 5 5 5 5 5 5		Name: Kabiru Ganaji Position: Legal Counsel Email: kabiru.ganaji@oriental-er.com Telephone: 08072192449	
20	Pillar Oil Limited	RC No.316743	10, Elsie Femi Pearse Street, Victoria Island, Lagos	Onosode Spencer Fadahunsi Oluseye Obaseki Godwin Onosode Gamaliel Ibru Michael Aduku Makoji Iluka Idodo Belo-Osagie Lateef Fadahunsi Samuel Okolo Victor Amech Echu Tonwe Besife Akporomare Ambrose Amakiri Jonathan Hassan-Katsina Babangida Igiehon Nosaricere Owolabi Oluwatoyin Jamabu Meshack	15.5 15.5 10.4 10.4 7.1 5.2 5.2 4.2 5.2 5.2 3.9 3 2.6 2.6 2.6 0.5 0.5 0.4		Name: Fadahunsi Oluseye Position: Executive-Director Email: seye.fadahunsi@pillar-oil.com Telephone: 07034069335	Marginal Field Farm-Out Agreement

21	PLATFORM PETROLEUM LIMITED		6, LASODE CRESCENT, OFF OZUMBA MBADIWE STREET, VICTORIA ISLAND LAGOS	AUGUSTINE OJUNEKWU AVURU CHIEF LULU BRIGGS MACAULAY A. OFURHIE DR EDMUND MADUABEBE DAUKORU DAVID BRIGIDI PROF OLUWAFEYISOLA ADEGOKE PRINCE NASIR ADO BAYERO FUNSHO KUPOLOKU BASSEY HENSHAW ANNE ENE ITA PIUS O. AFIEGBE VENERABLE OLU SHEWA CHIDI ISAAC EGWUENU CHUDI EVANS DIMKPA MOSHE C. AMAECHI ATLAS INT ENG SERVICES NIG LTD STAFF SHARE SCHEME	23 14 7 7 7 7 4 4 4 4 3 3 2 4 1		Name: Barrister Andy Achugbue Position: General Counsel Email: aachugbue@platformpet.com Telephone: 08055155390	
22	Seplat							
23	Shebah							
24	Summit Oil							
25	WalterSmith Petroman Oil Limited	RC: 302804	18, Keffi Street, P.O. Box 54797, Ikoyi, Lagos, Nigeria	Waltersmith & Associates Abdulrazaq Isa Danjuma Salch Dr. Emmanuel Egbogah Sen. (Princess) Florence Ita-Giwa Dr. Andrew Uzoigwe Dr. Jude Amaefule Saphire Investment Limited Imo State Government Mrs. Cecilia Aqua-Umoren Ohaji/Egbema Local Government Area Mr. David Ike (Estates)	28.6 16.45 16.45 9.49 8.04 6.8 6.29 0.24 2.06 1.24 1.22 0.82		Name: Ayokunle Okusanya Position: Head, Finance & Corporate Services Email: ayokunle.okusanya@waltersmithng.com Telephone: +2341 280 5174-5	

S/N	FULL LEGAL NAME OF COMPANY	RC NUMBER	CONTACT ADDRESS	BENEFICIAL OWNERSHIP/SHAREHOLDERS	DATE OF BENEFICIAL OWNERSHIP	DECLARANT	NAME OF AGREEMENT	
				Govt/Private Entity	% Interest			
1	MOBIL PRODUCING NIGERIA UNLIMITED (MPNU)	RC 6284	MOBIL HOUSE LEKKI EXPRESSWAY VICTORIA ISLAND LAGOS	Mobil Development Nigeria Inc. Mobil Exploration Nigeria Inc.	50 50		Name: CHARLES B. NDIOMU Position: COMPANY SECRETARY Email: CHARLES.NDIOMU@EXXONMOBIL.COM Telephone: 09091021381	JOINT VENTURE AGREEMENT
2	NAOC							
3	ND Western Limited		ADEBOLA HOUSE, 228A, AWOLOWO ROAD, IKOYI, LAGOS.	NIGER DELTA PETROLEUM RESOURCES LIMITED PETROLIN TRADING LIMITED FIRST EXPLORATION AND PETROLEUM DEVELOPMENT OML 34 LIMITED WALTERSMITH EXPLORATION AND PRODUCTION LIMITED	41.667 40 10 8.333	INCORP. INCORP. 18 DEC. 2012 10 DEC. 2012	Name: OMO OMORODION Position: LEGAL COUNSEL Email: omo.omorodion@ndwestern.com Telephone: 08171442293	JOINT VENTURE AGREEMENT
4	PAN OCEAN OIL CORPORATION NIGERIA LIMITED	6823	13/14 LIGALI AYORINDE STREET, VICTORIA ISLAND LAGOS NIGERIA	DR. F.A FADEYI INTER OCEAN OIL EXPLORATION & DEVELOPMENT COMPANY, SWITZERLAND INTER OCEAN OIL DEVELOPMENT, SWITZERLAND JUSTICE D. ADEBIYI ALAHAJI M.D YUSUFU	74 13 13 0 0		Name: OLWASEYI AKINSEYE Position: TAX ACCOUNTANT Email: O.AKINSEYE@POOCNG.COM Telephone: 08076619001	JOINT VENTURE AGREEMENT
5	TEPNG							

S/ N	FULL LEGAL NAME OF COMPANY	RC NUMBER	CONTACT ADDRESS	BENEFICIAL OWNERSHIP/SHAREHOLDERS	DATE OF BENEFICIAL OWNERSHIP	DECLARANT	NAME OF AGREEMENT	
1	Addax Petroleum Exploration (Nigeria) Limited APDNL APENL	333613	No. 32 Ozumba Mbadiwe Avenue, Victoria Island, Lagos	Govt/Private Entity  Addax Petroleum Overseas Limited (Formerly Addax Petroleum Nigeria Limited) Addax Petroleum Holdings Limited (formerly Addax Petroleum NV)	% Interes t  99 1	10/25/1999 10/25/1999	Name: Folake Adele-Adewole Position: Company Secretary Email: folake.adele-adewole@addaxpetroleum.com Telephone: 01-2794379	Production Sharing Contract
2	ESSO EXPLORATION AND PRODUCTION NIGERIA LIMITED	RC 214, 536	MOBIL HOUSE LEKKI EXPRESSWAY VICTORIA ISLAND LAGOS	ExxonMobil Nigeria Holding One B.V. ExxonMobil Nigeria Holding Two B.V.	90 10		Name: CHIKA M. IKEM-OBIH (MRS) Position: Company Secretary Email: CHIKA.M.IKEM-OBIH@EXXONMOBIL.COM Telephone: 09091022079	
3	Nigerian Agip Exploration Limited (a private company) (NAE)	RC Number: 299647	No. 40/42 Aguiyi Ironsi Street, Maitama, Federal Capital Territory (FCT), Abuja	Eni International B.V Eni Oil Holdings B.V	99.99 0.01		Name: Position: Email: Telephone:	Production Sharing Agreement
4	Oando Philips Conoco NAOC OML 125 & 134 OANDO PRODUCTION & DEVELOPMENT COMPANY LIMITED Oando Oil Limited	RC 732683 RC 409030 RC 427325	2, Ajose Adeogun, Victoria Island, Lagos 2, Ajose Adeogun, Victoria Island, Lagos 2, Ajose Adeogun, Victoria Island, Lagos	OANDO PLC OANDO OML 125 & 134 (BVI) LIMITED OANDO PETROLEUM DEVELOPMENT COMPANY LIMITED DELTA STATE MINISTRY OF FINANCE OANDO OML 60, 61, 62 & 63 LIMITED OANDO OML 60, 61, 62 & 63 HOLDING B.V	60 40 95 5 60 40		Name: Ayotola Jagun Position: Company Secretary Email: ajagun@oandopic.com Telephone: 01-2702400	
5	Petrobrass							
6	SNEPCO							

7	Stardeep							
8	STATOIL NIGERIA LIMITED	TIN No: 00087818- 0001	1A BOURDILON ROAD IKOYI LAGOS NIGERIA	Statoil Nigeria AS Norway	100		Name: Benedith Hadomeh Position: Snr Tax Accountant Email: bhado@statoil.com Telephone: +2348025015543	Production Sharing Contract
9	STERLING OIL EXPLORATION AND ENERGY PRODUCTION COMPANY LIMITED	RC.No 683377 (non- listed – Pvt Co.)	PLOT 205, ABIOLA SEGUN AJAYI STREET, OFF. MURI OKUNOLA STREET, VICTORIA ISLAND ANNEX, LAGOS, NIGERIA	STERLING OIL EXPLORATION AND ENERGY PRODUCTION COMPANY LIMITED – BVI NITIN SANDESARA	90 10		Name: Position: Email: Telephone:	PRODUCTION SHARING CONTRACT
10	TUPNI							

S/ N	FULL LEGAL NAME OF COMPANY	RC NUMBER	CONTACT ADDRESS	BENEFICIAL OWNERSHIP/SHAREHOLDERS		DATE OF BENEFICIAL OWNERSHIP	DECLAR ANT	NAME OF AGREEMENT
				Govt/Private Entity	% Interest			
1	Agip Energy and Natural Resources (Nigeria) Limited	RC Number: 33455	No. 40/42 Aguiyi Ironsi Street, Maitama, Federal Capital Territory (FCT), Abuja.	Eni International B.V. Eni Oil Holdings B.V	95 5			AENR (NNPC, NPDC Service Contracts